

# Appendices

C H A N G E I N M O T I O N

## Appendices

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# Appendix 1 – Projects by County

## Bay Area Region/Multi-County

(In millions of year-of-expenditure dollars)

Reference Number	Project/Program	Total Project Cost	Committed Funds <sup>1</sup>	Discretionary Funds <sup>2</sup>	Project Notes
21002	Implement Freeway Service Patrol, Call Box and Incident Management programs (includes incident detection equipment and incident management systems)	\$ 219.9	\$ 0.0	\$ 219.9	
21005	Fund and implement TransLink®	\$ 408.0	\$ 0.0	\$ 408.0	
21006	Fund and implement Regional Transportation Marketing Program	\$ 27.5	\$ 0.0	\$ 27.5	
21008	Fund and implement 511 Traveler Information	\$ 453.7	\$ 0.0	\$ 453.7	
21011	Transportation for Livable Communities (TLC): provide planning and capital funds to improve pedestrian, bicycle and transit access; and support station development areas and FOCUS Priority Development Areas (PDAs)	\$ 2,200.0	\$ 0.0	\$ 2,200.0	
21012	Golden Gate Bridge seismic retrofit (completes Phase 3)	\$ 699.6	\$ 523.4	\$ 176.2	Phases 1 and 2 complete
21013	Rehabilitate state-owned toll bridges in the Bay Area	\$ 309.5	\$ 309.5	\$ 0.0	
21015	Fund Toll Bridge Seismic Retrofit Program	\$ 8,685.0	\$ 8,685.0	\$ 0.0	
21017	Small transit operators in Alameda, Contra Costa, Marin, Napa, Solano and Sonoma counties – transit operating and capital improvement program (including replacement, rehabilitation and minor enhancements for rolling stock, equipment, fixed facilities and other capital assets; does not include system expansion)	\$ 5,769.2	\$ 4,608.9	\$ 187.7	Shortfall remains
21154	Procure buses for AC Transit transbay, express and local services	\$ 22.0	\$ 0.0	\$ 22.0	
21320	Construct Golden Gate Bridge moveable median barrier	\$ 26.9	\$ 26.9	\$ 0.0	
21342	Extend Caltrain to Transbay Terminal and replace Transbay Terminal, including the construction of the new Transbay Transit Center building and rail foundation (Phase 1)	\$ 1,189.0	\$ 1,189.0	\$ 0.0	Resolution 3434 Regional Transit Expansion Program and Regional Measure 2 Toll Bridge Program; for phases 2a and 2b, see Bay Area Region/Multi-County projects #22008 and #230290
21618	Implement commuter rail service on the Dumbarton Bridge (environmental, design and right-of-way phases)	\$ 301.0	\$ 301.0	\$ 0.0	Resolution 3434 Regional Transit Expansion Program; shortfall remains for construction phase

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<sup>2</sup> Discretionary Funds are flexible funds available to MTC (and not already programmed in Committed Funds) for assignment to projects via the Transportation 2035 Plan planning process.

## Bay Area Region/Multi-County

(In millions of year-of-expenditure dollars)

Reference Number	Project/Program	Total Project Cost	Committed Funds <sup>1</sup>	Discretionary Funds <sup>2</sup>	Project Notes
21619	Expand Caltrain Express service: design and implement safety elements related to signal communication and positive train control (Phase 2a)	\$ 69.0	\$ 69.0	\$ 0.0	Resolution 3434 Regional Transit Expansion Program Phase 1 completed in 2004; shortfall remains for Phase 2b: implement systemwide level boarding program and terminal improvements
21627	Electrify Caltrain from Tamien to San Francisco (includes installation of power substations and other infrastructure)	\$ 626.0	\$ 464.0	\$ 162.0	Resolution 3434 Regional Transit Expansion Program
22001	Implement Sonoma Marin Area Rail Transit District (SMART) commuter rail project (includes environmental, engineering, right-of-way, construction, vehicle procurement and operations)	\$ 1,058.0	\$ 1,058.0	\$ 0.0	Resolution 3434 Regional Transit Expansion Program and Regional Measure 2 Toll Bridge Program
22003	Capitol Corridor: Phase 2 enhancements (includes grade separations at High Street, Davis Street and Hesperian Street)	\$ 88.7	\$ 88.7	\$ 0.0	Resolution 3434 Regional Transit Expansion Program
22006	Improve ferry facilities/equipment including the Downtown Ferry Terminal and procuring additional spare ferry vessels	\$ 192.8	\$ 192.8	\$ 0.0	Resolution 3434 Regional Transit Expansion Program, Regional Measure 2 Toll Bridge Program, and Proposition 1B project
22008	Extend Caltrain to Transbay Terminal and replace Transbay Terminal, including preliminary engineering; environmental; plans, specifications and estimate (PS&E); and right-of-way phases of downtown extension (Phase 2a)	\$ 292.3	\$ 292.3	\$ 0.0	Resolution 3434 Regional Transit Expansion Program, Regional Measure 2 Toll Bridge Program and 2003 Proposition K sales tax project; for phases 1 and 2b, see Bay Area Region/Multi-County projects #21342 and #230290
22009	Implement Capitol Corridor intercity rail service (includes increased track capacity, rolling stock and frequency improvements)	\$ 108.0	\$ 108.0	\$ 0.0	Resolution 3434 Regional Transit Expansion Program
22240	Fund Regional Measure 2 Express Bus South improvements (includes park-and-ride lots, HOV access improvements and rolling stock)	\$ 22.0	\$ 22.0	\$ 0.0	Regional Measure 2 Toll Bridge Program
22241	Fund Regional Measure 2 studies (Water Emergency Transportation Authority environmental studies, I-680/Pleasant Hill BART Connector Study)	\$ 6.7	\$ 6.7	\$ 0.0	Regional Measure 2 Toll Bridge Program
22243	Fund Regional Measure 2 Express Bus North improvements (includes park-and-ride lots and rolling stock)	\$ 31.1	\$ 31.1	\$ 0.0	Regional Measure 2 Toll Bridge Program
22244	Fund City CarShare	\$ 4.6	\$ 4.6	\$ 0.0	Regional Measure 2 Toll Bridge Program
22245	Fund Safe Routes to Transit	\$ 22.5	\$ 22.5	\$ 0.0	Regional Measure 2 Toll Bridge Program
22247	Regional Bicycle Program: provide capital funds to fully build out the Regional Bikeway Network as defined in MTC's <i>Regional Bicycle Plan for the San Francisco Bay Area, 2009 Update</i>	\$ 1,000.0	\$ 0.0	\$ 1,000.0	

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## Bay Area Region/Multi-County

(In millions of year-of-expenditure dollars)

Reference Number	Project/Program	Total Project Cost	Committed Funds <sup>1</sup>	Discretionary Funds <sup>2</sup>	Project Notes
22423	Lifeline Transportation Program: fund programs and services that address transportation gaps specific to low-income communities	\$ 400.0	\$ 0.0	\$ 400.0	
22425	Planning funds for the Metropolitan Transportation Commission, Association of Bay Area Governments, Bay Conservation and Development Commission, and nine county congestion management agencies	\$ 300.0	\$ 0.0	\$ 300.0	
22481	Caltrain — transit operating and capital improvement program (including replacement, rehabilitation and system enhancements for rolling stock, equipment, fixed facilities and other capital assets); station improvements (e.g., platforms) are included	\$ 6,922.9	\$ 4,947.8	\$ 481.7	Shortfall remains
22520	Implement BART earthquake safety program	\$ 714.4	\$ 714.4	\$ 0.0	Excludes Phase 1 of transbay tube earthquake safety project which is a separate project, Bay Area Region/Multi-County project #22636
22636	Implement BART transbay tube earthquake safety improvements (Phase 1)	\$ 592.6	\$ 592.6	\$ 0.0	Regional Measure 2 Toll Bridge Program
22676	Improve passenger capacity at 43 BART stations, including platform modifications and fare gate, stair, elevator and escalator additions	\$ 32.5	\$ 0.0	\$ 32.5	
22765	Improve the connection between I-580 and I-680 via HOV direct connectors	\$ 15.0	\$ 0.0	\$ 15.0	Coordinates with Alameda County project #21116
22991	Widen I-680 southbound in Santa Clara and Alameda counties from Route 237 to Route 84 including an express lane, ramp metering, auxiliary lanes and pavement rehabilitations	\$ 230.9	\$ 230.9	\$ 0.0	2000 Traffic Congestion Relief Program (TCRP) and 2000 Measure B sales tax project
94089	Reconstruct south access to the Golden Gate Bridge, from Doyle Drive to Broderick Street (design and construction phases)	\$ 1,019.4	\$ 605.4	\$ 414.0	For environmental study phase, see Bay Area Region/Multi-County project #98102
94152	Widen Route 12 (Jamieson Canyon) from 2 lanes to 4 lanes from I-80 in Solano County to Route 29 in Napa County (Phase 1)	\$ 145.7	\$ 145.7	\$ 0.0	For Phase 2, see Napa project #230599
94525	BART — transit operating and capital improvement program (including replacement, rehabilitation and minor enhancements, equipment, fixed facilities and other capital assets)	\$37,195.5	\$27,665.1	\$ 2,699.4	Shortfall remains
94526	AC Transit — transit operating and capital improvement program (including replacement, rehabilitation and minor enhancements for rolling stock, equipment, fixed facilities and other capital assets; does not include system expansion)	\$ 13,490.3	\$ 12,511.6	\$ 235.0	Shortfall remains
94527	Livermore Amador Valley Transit Authority (LAVTA) — transit operating and capital improvement program (including replacement, rehabilitation and minor enhancements for rolling stock, equipment, fixed facilities and other capital assets; does not include system expansion)	\$ 783.4	\$ 712.2	\$ 0.0	Shortfall remains

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Reference Number	Project/Program	Total Project Cost	Committed Funds <sup>1</sup>	Discretionary Funds <sup>2</sup>	Project Notes
94541	Reconstruct existing Benicia-Martinez Bridge for southbound traffic	\$ 1,272.5	\$ 1,272.5	\$ 0.0	Regional Measure 1 & 2 Toll Bridge Program
94558	Central Contra Costa Transit Authority (CCCTA) — transit operating and capital improvement program (including replacement, rehabilitation and minor enhancements for rolling stock, equipment, fixed facilities and other capital assets; does not include system expansion)	\$ 1,396.8	\$ 1,396.8	\$ 0.0	
94572	Golden Gate Transit — transit operating and capital improvement program (including replacement, rehabilitation and minor enhancements for rolling stock, equipment, fixed facilities and other capital assets; does not include system expansion)	\$ 3,987.7	\$ 3,102.0	\$ 156.6	Shortfall remains
94610	Valley Transportation Authority (VTA) — transit operating and capital improvement program (including replacement, rehabilitation and minor enhancements for rolling stock, equipment, fixed facilities and other capital assets; does not include system expansion)	\$ 18,968.8	\$ 13,551.9	\$ 591.8	Shortfall remains
94636	San Francisco Municipal Transportation Agency (SFMTA) — transit operating and capital improvement program (including replacement, rehabilitation and other minor enhancements for rolling stock, equipment, fixed facilities and other capital assets, does not include system expansion)	\$ 40,309.3	\$ 31,212.5	\$ 1,950.7	Shortfall remains
94666	SamTrans — transit operating and capital improvement program (including replacement, rehabilitation and minor enhancements for rolling stock, equipment, fixed facilities and other capital assets; does not include system expansion)	\$ 7,812.9	\$ 5,710.5	\$ 92.2	Shortfall remains
94683	Vallejo Transit — transit operating and capital improvement program (including replacement, rehabilitation and minor enhancements for rolling stock, equipment, fixed facilities and other capital assets; does not include system expansion)	\$ 1,560.0	\$ 1,207.6	\$ 0.0	Shortfall remains
98102	Reconstruct the South Access to the Golden Gate Bridge: Doyle Drive (environmental study)	\$ 25.6	\$ 25.6	\$ 0.0	2003 Proposition K sales tax project; for design and construction phases, see Bay Area Region/Multi-County project #94089
230221	Implement I-80 Integrated Corridor Mobility (ICM) project operations and management	\$ 187.8	\$ 187.8	\$ 0.0	
230222	Implement San Pablo Avenue SMART Corridors operations and management	\$ 37.6	\$ 37.6	\$ 0.0	
230287	Implement the Goods Movement Emission Reduction Program (includes replacement or retrofitting of up to 800 port and general goods movement trucks)	\$ 45.0	\$ 0.0	\$ 45.0	

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(In millions of year-of-expenditure dollars)

Reference Number	Project/Program	Total Project Cost	Committed Funds <sup>1</sup>	Discretionary Funds <sup>2</sup>	Project Notes
230290	Extend Caltrain to Transbay Terminal and replace Transbay Terminal, including construction phase (Phase 2b)	\$ 2,047.0	\$ 656.7	\$ 0.0	Resolution 3434 Regional Transit Expansion Program and Regional Measure 2 Toll Bridge Program; for phases 1 and 2a, see Bay Area Region/Multi-County projects #21342 and #22008; shortfall remains
230336	Implement recommendations from MTC's Transit Connectivity Plan	\$ 32.8	\$ 0.0	\$ 32.8	
230419	Freeway Performance Initiative (FPI): maximize performance and reliability using technology and limited expansions at essential locations; includes Traffic Operations System (TOS) infrastructure, TOS maintenance and replacement, arterial coordination and management, and performance monitoring	\$ 1,600.0	\$ 0.0	\$ 1,600.0	
230550	Transportation Climate Action Campaign: implement a campaign to reduce greenhouse gas emissions; includes funding for a comprehensive outreach and education campaign, Safe Routes to School, Safe Routes to Transit, and Transit Priority Measures (TPM)	\$ 400.0	\$ 0.0	\$ 400.0	
230649	High-Speed Rail: fund infrastructure for ACE, BART, Caltrain, MUNI and VTA	\$ 408.0	\$ 408.0	\$ 0.0	
230701	Widen U.S. 101 (adding an HOV lane in each direction) from Route 37 to Marin/Sonoma County line (Marin County portion) and from Marin/Sonoma County line to Old Redwood Highway in Petaluma	\$ 745.4	\$ 569.4	\$ 176.0	
230710	Funding reserve to implement High-Speed Rail and related corridor improvements	\$ 2,130.0	\$ 2,130.0	\$ 0.0	
230712	Install suicide barrier on Golden Gate Bridge	\$ 50.0	\$ 50.0	\$ 0.0	
	<b>Bay Area Express Lane Network</b>	<b>\$ 7,600.0</b>	<b>\$ 7,600.0</b>	<b>\$ 0.0</b>	Total Project Cost is cost to construct, finance, operate and maintain regionwide network. Committed Funds represent estimated toll revenues needed to implement the Express Lane Network. Total capital cost to construct the network is \$3.7 billion. Individual corridors and capital costs are listed below.
	<b>Route 4 Corridor</b>	<b>\$ 37.2</b>	<b>\$ 37.2</b>	<b>\$ 0.0</b>	
230654	Route 4 in Contra Costa County from Route 160 to Port Chicago Highway – convert HOV lanes to express lanes				
	<b>I-80 Corridor</b>	<b>\$ 768.1</b>	<b>\$ 768.1</b>	<b>\$ 0.0</b>	
230656	I-80 in Alameda County from Alameda-Contra Costa County line to Bay Bridge – convert HOV lanes to express lanes				



## Bay Area Region/Multi-County

(In millions of year-of-expenditure dollars)

Reference Number	Project/Program	Total Project Cost	Committed Funds	Discretionary Funds	Project Notes
	<b>Bay Area Express Lane Network (continued)</b>				
	<b>I-80 Corridor (continued)</b>				
230657	I-80 in Contra Costa County from Carquinez Bridge to Alameda-Contra Costa County line — convert HOV lanes to express lanes				
230658	I-80 in Solano County from Route 37 to Carquinez Bridge — widen to add an express lane in each direction				
230659	I-80 in Solano County from Yolo County line to Route 37 — widen to add an express lane in each direction from Yolo County line to Air Base Parkway and from Red Top Road to Route 37				
230660	I-80 in Solano County from Red Top Road to Air Base Parkway — convert HOV lanes to express lanes				
	<b>Route 87 Corridor</b>	<b>\$ 22.2</b>	<b>\$ 22.2</b>	<b>\$ 0.0</b>	
230675	Route 87 in Santa Clara County from Route 85 to U.S. 101 — convert HOV lanes to express lanes				
	<b>U.S. 101 North Corridor</b>	<b>\$ 212.2</b>	<b>\$ 212.2</b>	<b>\$ 0.0</b>	
230688	U.S. 101 in Marin County from Corte Madera to Route 37 — convert HOV lanes to express lanes				
230689	U.S. 101 in Sonoma County from Windsor River Road to Old Redwood Highway — widen to add an express lane in each direction and convert HOV lanes to express lanes				
230702	U.S. 101 in Marin and Sonoma counties from Route 37 to Old Redwood Highway — convert HOV lanes to express lanes				
	<b>U.S. 101 South/Route 85 Corridor</b>	<b>\$ 669.0</b>	<b>\$ 669.0</b>	<b>\$ 0.0</b>	
230661	U.S. 101 in Santa Clara County from Cochrane Road to Route 25 — widen to add an express lane in each direction				
230662	U.S. 101 in Santa Clara County from San Mateo/Santa Clara County line to Cochrane Road — convert HOV lanes to express lanes				
230663	U.S. 101 in San Mateo County from San Mateo/Santa Clara County line to Whipple Avenue — convert HOV lanes to express lanes				
230664	U.S. 101 in San Mateo County from Whipple Avenue to Millbrae — widen to add an express lane in each direction				



## Bay Area Region/Multi-County

(In millions of year-of-expenditure dollars)

Reference Number	Project/Program	Total Project Cost	Committed Funds	Discretionary Funds	Project Notes
	<b>Bay Area Express Lane Network (continued)</b>				
	<b>U.S. 101 South/Route 85 Corridor (continued)</b>	\$ 768.1	\$ 768.1	\$ 0.0	
230674	Route 85 in Santa Clara County from U.S. 101 in Mountain View to U.S. 101 in South San Jose — convert HOV lanes to express lanes				
	<b>Route 237 Corridor</b>	\$ 75.0	\$ 75.0	\$ 0.0	
230257	Convert HOV direct connectors between I-880 and Route 237 to express lane direct connectors				
230676	Route 237 in Santa Clara County from I-880 to Mathilda Avenue — convert HOV lanes to express lanes				
230677	Route 237 in Santa Clara County from Mathilda Avenue to Route 85 — widen to add an express lane in each direction				
	<b>I-280 Corridor</b>	\$ 97.0	\$ 97.0	\$ 0.0	
230678	I-280 in Santa Clara County from Magdalena Avenue to Leland Avenue — convert HOV lanes to express lanes				
230679	I-280 in Santa Clara County from Leland Avenue to U.S. 101 — widen to add an express lane in each direction				
	<b>I-580 Corridor</b>	\$ 578.6	\$ 578.6	\$ 0.0	
230665	I-580 westbound in Alameda County from Foothill Road to San Joaquin County line — widen to add an express lane and convert HOV lane to express lane				
230666	I-580 eastbound in Alameda County from Foothill Road to San Joaquin County line — widen to add an express lane				
230667	I-580 eastbound in Alameda County from Foothill Road to Greenville Road — convert HOV lane to express lane				
230684	I-680/I-580 interchange in Alameda County — widen to add an express lane direct connector and an eastbound express lane on I-580 to Tassajara Road				
	<b>I-680 Corridor</b>	\$ 1,077.2	\$ 1,077.2	\$ 0.0	
230680	I-680 in Santa Clara County from Calaveras Road to U.S. 101 — widen to add an express lane in each direction				
230681	I-680 northbound in Santa Clara County from Calaveras Boulevard to Alameda County line — widen to add an express lane				
230682	I-680 northbound in Alameda County from Santa Clara County line to Route 84 — widen to add an express lane				

## Bay Area Region/Multi-County

(In millions of year-of-expenditure dollars)

Reference Number	Project/Program	Total Project Cost	Committed Funds	Discretionary Funds	Project Notes
	<b>Bay Area Express Lane Network (continued)</b>				
	<b>I-680 Corridor (continued)</b>				
230683	I-680 in Alameda County from Route 84 to Alcosta Boulevard — widen to add an express lane in each direction				
230685	I-680 in Contra Costa County from Alcosta Road to Benicia-Martinez Bridge — widen to add an express lane in each direction through Walnut Creek and convert HOV lanes to express lanes on the remaining segment				
230686	I-680 in Solano County from Benicia-Martinez Bridge to I-80 — widen to add an express lane in each direction				
230687	I-680/I-80 interchange in Solano County — widen to add an express lane direct connector				
230690	I-680/Route 4 interchange in Contra Costa County — widen to add express lane direct connectors at interchange				
	<b>I-880/Route 92/Route 84 Corridor</b>	<b>\$ 91.9</b>	<b>\$ 91.9</b>	<b>\$ 0.0</b>	
230668	I-880 in Santa Clara County from Alameda-Santa Clara County line to U.S. 101 — convert HOV lanes to express lanes				
230669	I-880 in Alameda County from Alameda-Santa Clara County line to Marina Boulevard/Lewelling Boulevard — convert HOV lanes to express lanes				
230670	I-880 in Alameda County from Marina Boulevard/Lewelling Boulevard to Hegenberger Road — convert HOV lanes to express lanes				
230671	I-880 northbound in Alameda County from 16th Avenue to Bay Bridge toll plaza — convert HOV lane to express lane				
230672	Route 92 westbound in Alameda County from Clawiter Road through San Mateo-Hayward Bridge toll plaza — convert HOV lane to express lane				
230673	Route 84 westbound in Alameda County from I-880 through Dumbarton Bridge toll plaza — convert HOV lane to express lane				
230703	With net toll revenue, fund corridor improvements including transit operating and capital needs, freeway operations, interchanges, roadway maintenance and local access	\$ 6,100.0	\$ 0.0	\$ 6,100.0	An additional \$6.1 billion in net revenues are estimated to be generated by the Bay Area Express Lane Network, and these are included in the \$32 billion of Discretionary Funds projected for the plan. Of the \$6.1 billion, \$2.0 billion has been directed to Santa Clara County's Measure A transit program.

# Alameda County

(In millions of year-of-expenditure dollars)

Reference Number	Project/Program	Total Project Cost	Committed Funds <sup>1</sup>	Discretionary Funds <sup>2</sup>	Project Notes
21093	Upgrade Route 92/Clawiter Road interchange, add ramps and overcrossing for Whitesell Street extension, and signalize ramp intersections	\$ 58.3	\$ 58.3	\$ 0.0	2000 Measure B sales tax project; coordinates with Alameda County project #22106
21100	Construct auxiliary lanes on I-580 between Vasco Road and First Street and modify I-580/Vasco Road interchange	\$ 55.0	\$ 51.0	\$ 4.0	
21101	Reconstruct Stargell Avenue from Webster Street to 5th Avenue	\$ 19.0	\$ 19.0	\$ 0.0	
21103	Construct grade separation structure on Central Avenue at Union Pacific Railroad crossing	\$ 18.3	\$ 5.7	\$ 12.6	
21105	Construct interchange at the extension of Isabel Avenue (Route 84) to I-580	\$ 155.9	\$ 155.9	\$ 0.0	Funding includes 2000 Measure B sales tax and Proposition 1B Corridor Mobility Improvement Account
21112	Improve Crow Canyon Road by widening shoulders, realigning curves and constructing retaining walls	\$ 14.5	\$ 3.5	\$ 11.0	
21114	Construct grade separations on Washington Boulevard/Paseo Padre Parkway at the Union Pacific railroad tracks and proposed BART extension	\$ 108.6	\$ 108.6	\$ 0.0	Regional Measure 2 Toll Bridge Program
21116	Widen I-580 from Foothill Road to Greenville Road in both directions for HOV lanes (includes auxiliary lanes)	\$ 299.3	\$ 299.3	\$ 0.0	Regional Measure 2 Toll Bridge Program; coordinates with Bay Area Region/Multi-County project #22765
21123	Expand Union City BART station to create intermodal rail station	\$ 21.0	\$ 7.0	\$ 14.0	
21125	Extend HOV lane westbound on Route 84 between Newark Avenue undercrossing and west of the I-880 interchange	\$ 11.4	\$ 11.4	\$ 0.0	Regional Measure 2 Toll Bridge Program
21126	Construct westbound Route 84 HOV on-ramp at Newark Boulevard	\$ 12.5	\$ 12.5	\$ 0.0	Regional Measure 2 Toll Bridge Program
21131	Build a BART Oakland Airport Connector between Coliseum BART station and Oakland International Airport	\$ 459.0	\$ 459.0	\$ 0.0	Resolution 3434 Regional Transit Expansion Program and Regional Measure 2 Toll Bridge Program
21132	Extend BART from Fremont to Warm Springs	\$ 890.0	\$ 746.0	\$ 144.0	Resolution 3434 Regional Transit Expansion Program and Regional Measure 2 Bridge Program
21133	Construct new West Dublin/Pleasanton BART station along the I-580 median	\$ 80.0	\$ 80.0	\$ 0.0	
21139	Improve Vasco Road with safety features including realignment, widening and installation of median barriers	\$ 13.2	\$ 3.2	\$ 10.0	2000 Measure B sales tax project

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# Alameda County

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Reference Number	Project/Program	Total Project Cost	Committed Funds <sup>1</sup>	Discretionary Funds <sup>2</sup>	Project Notes
21144	Reconstruct I-80/Gilman Avenue interchange into a roundabout	\$ 7.0	\$ 1.5	\$ 5.5	
21151	Construct initial phase of a new satellite operations and maintenance facility for operations, dispatch, maintenance, fueling, bus wash and parking for LAVTA fixed-route services	\$ 7.8	\$ 7.8	\$ 0.0	Funding for subsequent project phases is being pursued
21159	Expand/enhance AC Transit facilities in northern Alameda County, including new operating facility	\$ 16.1	\$ 0.0	\$ 16.1	Coordinates with Contra Costa County project #230090
21451	Construct additional turn- and bus-loading lanes on Hesperian Boulevard and East 14th Street	\$ 3.4	\$ 1.4	\$ 2.0	2000 Measure B sales tax project
21455	Widen I-238 to 6 lanes between I-580 and I-880, including auxiliary lanes on I-880 between I-238 and A Street	\$ 122.6	\$ 122.6	\$ 0.0	2000 Measure B sales tax project
21456	Construct auxiliary lanes on I-580 between Santa Rita Road/Tassajara Road and Airway Boulevard	\$ 5.5	\$ 5.5	\$ 0.0	2000 Measure B sales tax project
21460	Construct bicycle/pedestrian roadway in existing Alameda County and Southern Pacific right-of-way between the Dublin/Pleasanton BART station and Dougherty Road; construct bus lane on Dougherty Road	\$ 11.4	\$ 11.4	\$ 0.0	2000 Measure B sales tax project
21464	Provide paratransit service for AC Transit, BART and non-mandated city programs to coordinate and close paratransit service gaps	\$ 154.6	\$ 154.6	\$ 0.0	2000 Measure B sales tax project
21465	Enhance transit throughout the county using transit center development funds	\$ 4.8	\$ 4.8	\$ 0.0	2000 Measure B sales tax project
21466	Improve Washington Avenue/Beatrice Street interchange at I-880 through reconstruction and widening of on- and off-ramps	\$ 2.5	\$ 2.5	\$ 0.0	2000 Measure B sales tax project
21472	Improve I-680/Bernal Avenue interchange	\$ 17.0	\$ 17.0	\$ 0.0	
21473	Construct a 4-lane arterial connecting Dublin Boulevard and North Canyons Parkway in Livermore	\$ 11.1	\$ 11.1	\$ 0.0	
21475	Improve I-580/First Street interchange in Livermore	\$ 37.0	\$ 33.0	\$ 4.0	
21477	Reconstruct I-580/Greenville Road interchange in Livermore	\$ 43.0	\$ 39.0	\$ 4.0	
21482	Extend Fremont Boulevard to connect with Dixon Landing Road in Milpitas	\$ 8.9	\$ 8.9	\$ 0.0	
21484	Widen Kato Road from Warren Avenue to Milmont Drive and include bicycle lanes	\$ 5.4	\$ 5.4	\$ 0.0	
21489	Improve I-580/San Ramon Road/Foothill Road interchange	\$ 2.1	\$ 2.1	\$ 0.0	

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Reference Number	Project/Program	Total Project Cost	Committed Funds <sup>1</sup>	Discretionary Funds <sup>2</sup>	Project Notes
21992	Implement AC Transit transit priority measures (TPM) and corridor improvements (Element 1)	\$ 14.8	\$ 0.0	\$ 14.8	
22002	Extend I-880 northbound HOV lane from Maritime Street to the Bay Bridge toll plaza	\$ 19.0	\$ 19.0	\$ 0.0	Regional Measure 2 Toll Bridge Program
22007	Implement bicycle and pedestrian projects/programs in Alameda County	\$ 305.5	\$ 305.5	\$ 0.0	Partially funded by 2000 Measure B sales tax
22013	Construct I-580 eastbound truck climbing lane at the Altamont Summit	\$ 64.2	\$ 64.2	\$ 0.0	Proposition 1B Trade Corridor Improvement Fund (TCIF) and State Highway Operations and Protection Program (SHOPP) project
22021	Expand AC Transit transfer centers and park-and-ride facilities in central Alameda County	\$ 2.0	\$ 0.0	\$ 2.0	
22056	Improve Ashby BART station to support Ed Roberts Campus and future transit-oriented development	\$ 43.5	\$ 43.5	\$ 0.0	
22062	Construct infrastructure to support future Irvington BART station	\$ 2.6	\$ 2.6	\$ 0.0	
22063	Improve Route 238 corridor near Foothill Boulevard/I-580 by removing parking during peak periods and spot widening	\$ 116.0	\$ 116.0	\$ 0.0	
22082	Correct grade separation at 7th Street/Union Pacific Railroad entry at Port of Oakland intermodal yards and improve connecting roadways through former Oakland Army Base	\$ 427.0	\$ 427.0	\$ 0.0	Proposition 1B Trade Corridors Improvement Fund (TCIF) project
22084	Improve access to Oakland International Airport's North Field, connecting Route 61 (Doolittle Drive) with Earhart Road and extending infield area at North Field	\$ 10.0	\$ 5.0	\$ 5.0	
22087	Reconstruct I-880/Oak Street on-ramp	\$ 26.7	\$ 26.7	\$ 0.0	
22089	Improve Martinez Subdivision for freight and passenger rail	\$ 100.0	\$ 100.0	\$ 0.0	Proposition 1B Trade Corridor Improvement Fund (TCIF) project
22100	Replace overcrossing structure at I-880/Davis Street interchange and add additional travel lanes on Davis Street (includes ramp, intersection and signal improvements)	\$ 24.4	\$ 24.4	\$ 0.0	Coordinates with Alameda County project #22670
22106	Construct street extensions in Hayward near Clawiter and Whitesell streets	\$ 26.9	\$ 26.9	\$ 0.0	2000 Measure B sales tax project; coordinates with Alameda County project #21093
22455	Implement Bus Rapid Transit service on the Telegraph Avenue/International Boulevard/E. 14th Street corridor	\$ 250.0	\$ 176.0	\$ 74.0	Resolution 3434 Regional Transit Expansion Program and Regional Measure 2 Toll Bridge Program

# Alameda County

(In millions of year-of-expenditure dollars)

Reference Number	Project/Program	Total Project Cost	Committed Funds <sup>1</sup>	Discretionary Funds <sup>2</sup>	Project Notes
22509	Provide ferry service between Alameda/Oakland and San Francisco, and between Harbor Bay and San Francisco	\$ 21.5	\$ 12.0	\$ 9.5	Resolution 3434 Regional Transit Expansion Program and Regional Measure 2 Toll Bridge Program
22511	Provide ferry service between Berkeley/Albany and San Francisco	\$ 56.6	\$ 56.6	\$ 0.0	Resolution 3434 Regional Transit Expansion Program and Regional Measure 2 Toll Bridge Program
22670	Construct HOV lane for southbound I-880 from Hegenberger Road to Marina Boulevard (includes reconstructing bridges at Davis Street and Marina Boulevard)	\$ 119.4	\$ 119.4	\$ 0.0	Partially funded with Proposition 1B Corridor Mobility Improvement Account funds; coordinates with Alameda County project #22100
22760	Relocate the Outer Harbor Intermodal Terminal (OHIT) to the former Oakland Army Base (includes rail yard, storage tracks, lead tracks, truck gates, and administrative/operations and maintenance buildings)	\$ 220.0	\$ 220.0	\$ 0.0	Proposition 1B Trade Corridors Improvement Fund (TCIF) project
22766	Assess Fruitvale Avenue rail bridge for seismic retrofit	\$ 2.6	\$ 1.6	\$ 1.0	
22768	Retrofit and repair three Oakland-Alameda Estuary bridges for seismic safety	\$ 4.0	\$ 3.0	\$ 1.0	
22769	Improve northbound I-880 ramp geometries at 23rd and 29th avenues (includes modifications to local streets, landscaping and soundwall construction)	\$ 163.4	\$ 96.9	\$ 66.5	Proposition 1B Trade Corridors Improvement Fund (TCIF) project and Regional Measure 2 Toll Bridge Program
22770	Install traffic signal on Grand Avenue at Rose Avenue/Arroyo Avenue in Piedmont	\$ 0.3	\$ 0.3	\$ 0.0	
22776	Widen Route 84 from 2 to 4 lanes from north of Pigeon Pass to Stanley Boulevard, and from 2 to 6 lanes from Stanley Boulevard to Jack London Boulevard	\$ 129.6	\$ 114.6	\$ 15.0	
22777	Reconstruct on- and off-ramps on I-580 in Castro Valley	\$ 34.9	\$ 34.9	\$ 0.0	2000 Measure B sales tax project
22779	Reconstruct Route 262/I-880 interchange and widen I-880, including grade separation at Warren Avenue and the Union Pacific Railroad tracks (Phase 2)	\$ 56.0	\$ 56.0	\$ 0.0	For Phase 1, see Alameda County project #94030
22780	Implement Bus Rapid Transit on the Grand-MacArthur corridor	\$ 41.0	\$ 11.0	\$ 30.0	Resolution 3434 Regional Transit Expansion Program and Regional Measure 2 Toll Bridge Program
22783	Assess Fruitvale Avenue roadway bridge for seismic retrofit	\$ 8.0	\$ 3.0	\$ 5.0	

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# Alameda County

(In millions of year-of-expenditure dollars)

Reference Number	Project/Program	Total Project Cost	Committed Funds <sup>1</sup>	Discretionary Funds <sup>2</sup>	Project Notes
94012	Implement the Union City BART station transit-oriented development project, including construction of pedestrian grade separations under the BART and Union Pacific Railroad tracks and reconfiguring existing station to provide multimodal loop road (Phase 1)	\$ 40.0	\$ 40.0	\$ 0.0	
94030	Reconstruct I-880/Route 262 interchange and widen I-880 from 8 lanes to 10 lanes (8 mixed-flow and 2 HOV lanes) from Route 262 (Mission Boulevard) to the Santa Clara County line (Phase 1)	\$ 186.8	\$ 186.8	\$ 0.0	For Phase 2, see Alameda County project #22779
94506	Construct an improved east-west connection between I-880 and Route 238 (Mission Boulevard) from North Fremont to Union City	\$ 160.2	\$ 150.6	\$ 9.6	1986 Measure B sales tax project
94514	Reconstruct I-880/Route 92 interchange with direct connectors	\$ 245.0	\$ 245.0	\$ 0.0	Regional Measure 1 Toll Bridge Program
98139	Acquire right-of-way for ACE rail service between Stockton and Niles Junction, complete track improvements between San Joaquin County and Alameda County, and expand Alameda County station platforms	\$ 150.0	\$ 75.0	\$ 75.0	Resolution 3434 Regional Transit Expansion Program
98207	Improve I-880/Broadway-Jackson interchange in Oakland (includes new on- and off-ramps and new signals)	\$ 26.0	\$ 8.8	\$ 17.2	
98208	Construct soundwalls in various locations in Alameda County	\$ 10.0	\$ 0.0	\$ 10.0	
230047	Reconstruct I-880/West A Street interchange in Hayward (includes new sidewalks)	\$ 27.0	\$ 0.0	\$ 27.0	
230052	Construct auxiliary lanes on I-880 near Winton in Hayward	\$ 36.5	\$ 36.5	\$ 0.0	
230053	Reconstruct I-880 Industrial Parkway interchange (Phase 1)	\$ 14.7	\$ 0.0	\$ 14.7	For Phase 2, see Alameda County project #230057
230054	Construct auxiliary lanes on I-880 at Industrial Parkway	\$ 21.9	\$ 21.9	\$ 0.0	
230057	Reconstruct I-880/Industrial Parkway interchange, including construction of new northbound I-880 on-ramp and modifications to southbound on-ramp to include an HOV lane (Phase 2)	\$ 29.2	\$ 29.2	\$ 0.0	For Phase 1, see Alameda County project #230053
230066	Improve I-880/Marina Boulevard interchange (includes on- and off-ramp improvements, overcrossing modification and street improvements)	\$ 36.1	\$ 36.1	\$ 0.0	
230083	Tri-Valley Transit Access: acquire right-of-way along I-580 from Hacienda Drive to the Greenville Road interchange to accommodate rail transit	\$ 123.5	\$ 123.5	\$ 0.0	Resolution 3434 Regional Transit Expansion Program
230086	Reconstruct I-580/Fallon Road interchange and I-580/Hacienda Drive interchange in Dublin	\$ 37.6	\$ 21.6	\$ 16.0	



# Alameda County

(In millions of year-of-expenditure dollars)

Reference Number	Project/Program	Total Project Cost	Committed Funds <sup>1</sup>	Discretionary Funds <sup>2</sup>	Project Notes
230088	Extend existing northbound I-880 HOV lane from north of Hacienda Avenue to Hegenberger Road	\$ 167.5	\$ 167.5	\$ 0.0	
230091	Install traffic monitoring systems, signal priority and coordination, ramp metering, and HOV bypass lanes in the I-880, I-238 and I-580 corridors	\$ 33.5	\$ 33.5	\$ 0.0	
230094	Construct soundwalls in central Alameda County	\$ 10.3	\$ 10.3	\$ 0.0	
230099	Construct northbound I-680 to westbound I-580 connector	\$ 572.0	\$ 0.0	\$ 572.0	Interregional Transportation Improvement Program
230108	Widen I-80 eastbound Powell Street off-ramp in Emeryville	\$ 1.8	\$ 0.3	\$ 1.5	
230110	Construct a grade separation at Route 262/Warm Springs Drive/Mission Boulevard	\$ 10.0	\$ 0.0	\$ 10.0	
230114	Widen Auto Mall Parkway from 4 to 6 lanes between I-680 and I-880, including intersection improvements	\$ 42.0	\$ 33.0	\$ 9.0	
230116	Improve rail crossings in Berkeley, including grade separation at Gilman Street, road closures and at-grade crossing improvements (Phase 1)	\$ 2.0	\$ 0.0	\$ 2.0	
230120	Construct truck parking facilities in northern Alameda County (Phase 1)	\$ 5.0	\$ 0.0	\$ 5.0	
230122	Implement a Value-Pricing Parking and Transportation Demand Management program in Berkeley	\$ 5.0	\$ 2.0	\$ 3.0	
230125	Improve Ashby/I-80 interchange/Aquatic Park access, including streetscaping, bicycle/pedestrian improvements and minor interchange improvements	\$ 2.0	\$ 0.0	\$ 2.0	
230132	Improve I-580/Isabel Avenue interchange, including streetscaping and bicycle/pedestrian improvements	\$ 28.0	\$ 24.0	\$ 4.0	
230156	Extend West Jack London Boulevard from west of Isabel/Route 84 to El Charro Road	\$ 18.7	\$ 18.7	\$ 0.0	
230157	Construct a 2-lane gap closure on Las Positas Road from Arroyo Vista to west of Vasco Road	\$ 7.3	\$ 7.3	\$ 0.0	
230160	Tri-Valley Transit Access: implement enhanced rapid bus service in Livermore, Dublin and Pleasanton (includes higher frequencies, new stops and improved stop amenities)	\$ 14.1	\$ 14.1	\$ 0.0	Resolution 3434 Regional Transit Expansion Program

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## Alameda County

(In millions of year-of-expenditure dollars)

Reference Number	Project/Program	Total Project Cost	Committed Funds <sup>1</sup>	Discretionary Funds <sup>2</sup>	Project Notes
230169	Provide Intelligent Transportation System (ITS) elements for arterial management in Oakland (includes new controllers, signal coordination, transit priority, automatic vehicle locators, speed and level of service monitoring through radar detection, and real time arrival information)	\$ 22.0	\$ 0.0	\$ 22.0	
230170	Improve access to I-880 from 42nd Avenue and High Street	\$ 24.9	\$ 5.9	\$ 19.0	
230171	Improve Route 24/Caldecott Tunnel including bicycle and transit access and soundwall improvements	\$ 8.0	\$ 2.0	\$ 6.0	
230198	Upgrade traffic signal systems with Intelligent Transportation System (ITS) elements (includes new controllers, improved system communication, facilities upgrades and relocations, emergency vehicle pre-emption, and improved speed and level of service monitoring)	\$ 2.0	\$ 0.0	\$ 2.0	
230244	Prepare supplemental project study report for Route 84 widening from Pigeon Pass to I-680	\$ 2.3	\$ 0.0	\$ 2.3	
230396	Implement recommendations from the Community-Based Transportation Plan to improve the mobility of low-income residents	\$ 29.3	\$ 4.4	\$ 24.9	
230412	Additional AC Transit and BART transit capital replacement	\$ 233.0	\$ 0.0	\$ 233.0	
230608	Construct a westbound auxiliary lane on I-580 between First Avenue and Isabel Avenue in the Tri-Valley area	\$ 10.0	\$ 0.0	\$ 10.0	
230630	Tri-Valley Transit Access: construct westbound off-ramp to connect I-580 to Dublin/Pleasanton BART station, or make other transit access improvements at the BART station	\$ 30.0	\$ 30.0	\$ 0.0	Resolution 3434 Regional Transit Expansion Program
230692	Local streets and roads maintenance	\$ 6,372.0	\$ 2,613.0	\$ 1,253.0	Shortfall remains

## Contra Costa County

(In millions of year-of-expenditure dollars)

Reference Number	Project/Program	Total Project Cost	Committed Funds <sup>1</sup>	Discretionary Funds <sup>2</sup>	Project Notes
21205	Improve the I-680/Route 4 interchange with direct connectors and widen Route 4 from 2 lanes to 3 lanes in each direction between Route 242 and Morello Avenue	\$ 229.0	\$ 40.9	\$ 188.1	2004 Measure J sales tax project
21206	Construct a fourth bore at the Caldecott Tunnel complex north of the three existing bores	\$ 445.9	\$ 445.9	\$ 0.0	Partially funded with Proposition 1B Corridor Mobility Improvement Account funds; 2004 Measure J sales tax project
21207	Construct Martinez Intermodal Station, including site acquisition, demolition and construction of 200 interim parking spaces (Phase 3 initial segment)	\$ 12.0	\$ 12.0	\$ 0.0	2004 Measure J sales tax project; for additional elements of Phase 3, see Contra Costa County project #22614
21208	Construct Richmond Parkway Transit Center, including signal timing and reconfiguration, parking facility and security improvements	\$ 30.5	\$ 30.5	\$ 0.0	Regional Measure 2 Toll Bridge Program
21209	Relocate and expand Hercules Transit Center, including relocation of park-and-ride facility and construction of express bus facilities	\$ 13.0	\$ 13.0	\$ 0.0	1988 Measure C sales tax project
21210	Construct Capitol Corridor train station in Hercules	\$ 39.8	\$ 39.8	\$ 0.0	2000 Traffic Congestion Relief Program (TCRP) and 2004 Measure J sales tax project
21211	Extend BART/East Contra Costa Rail (eBART) eastward from the Pittsburg/Bay Point BART station into eastern Contra Costa County	\$ 525.0	\$ 525.0	\$ 0.0	Resolution 3434 Regional Transit Expansion Program, Regional Measure 2 Toll Bridge Program, and 2004 Measure J sales tax project
21214	Widen Wilbur Avenue over Burlington Northern Santa Fe Railroad from 2 to 4 lanes	\$ 15.7	\$ 15.7	\$ 0.0	
21225	Improve regional and local pedestrian and bicycle system, including construction overcrossings, and expanding sidewalks and facilities	\$ 50.0	\$ 50.0	\$ 0.0	
22122	Implement ferry service from Richmond to San Francisco	\$ 62.6	\$ 16.4	\$ 46.2	Resolution 3434 Regional Transit Expansion Program, Regional Measure 2 Toll Bridge Program, and 2004 Measure J sales tax project
22352	Improve I-680/Norris Canyon Road, including reconstruction of overcrossing, widening of median, construction of new HOV ramps and modifications to the local street network in San Ramon	\$ 101.6	\$ 58.7	\$ 42.9	2004 Measure J sales tax project
22353	Construct HOV lane on I-680 southbound between North Main Street and Livorna Road	\$ 105.0	\$ 105.0	\$ 0.0	Regional Measure 2 Toll Bridge Program and 2004 Measure J sales tax project
22354	Relocate the western half of the Marina Vista interchange off southbound I-680	\$ 7.9	\$ 1.6	\$ 6.3	2004 Measure J sales tax project

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## Contra Costa County

(In millions of year-of-expenditure dollars)

Reference Number	Project/Program	Total Project Cost	Committed Funds <sup>1</sup>	Discretionary Funds <sup>2</sup>	Project Notes
22355	Modify I-80/Central Avenue interchange	\$ 32.0	\$ 27.0	\$ 5.0	2004 Measure J sales tax project
22360	Reconstruct I-80/San Pablo Dam Road interchange and modify adjacent interchanges	\$ 118.0	\$ 47.0	\$ 71.0	2004 Measure J sales tax project
22365	Improve Martinez Ferry landside facilities	\$ 5.3	\$ 5.3	\$ 0.0	2004 Measure J sales tax project
22388	Construct Route 242 on-ramp and off-ramp at Clayton Road	\$ 42.6	\$ 12.3	\$ 30.3	2004 Measure J sales tax project
22390	Reconstruct Route 4/Willow Pass Road ramps in Concord to support new infill development at the Concord Naval Weapons Station	\$ 45.1	\$ 35.1	\$ 10.0	2004 Measure J sales tax project
22402	Implement the San Ramon School Bus Program, and continue the Lamorinda School Bus Program	\$ 168.2	\$ 168.2	\$ 0.0	2004 Measure J sales tax project
22600	Widen Somersville Road Bridge in Antioch from 2 lanes to 4 lanes	\$ 2.2	\$ 2.2	\$ 0.0	
22602	Construct I-680 auxiliary lanes in both directions from Sycamore Valley Road to Crow Canyon Road	\$ 47.0	\$ 20.0	\$ 27.0	1988 Measure C sales tax project
22603	Construct 6-level, roughly 785-space parking garage at Richmond Intermodal Transfer Station	\$ 34.3	\$ 34.3	\$ 0.0	1988 Measure C sales tax project
22607	Widen and extend major streets, and improve interchanges in east Contra Costa County	\$ 90.0	\$ 90.0	\$ 0.0	2004 Measure J sales tax project
22609	Widen and extend major streets, and improve interchanges in central Contra Costa County	\$ 30.0	\$ 30.0	\$ 0.0	2004 Measure J sales tax project
22610	Widen and extend major streets, and improve interchanges in west Contra Costa County	\$ 30.0	\$ 30.0	\$ 0.0	
22611	Implement a low-income student bus pass program in west Contra Costa County	\$ 36.9	\$ 36.9	\$ 0.0	2004 Measure J sales tax project
22613	Widen and extend major streets, and improve interchanges in southwest Contra Costa County (includes widening Camino Tassajara to 4 lanes between Danville and Windemere Parkway, and to 6 lanes from Windemere Parkway to Alameda County line)	\$ 30.0	\$ 30.0	\$ 0.0	2004 Measure J sales tax project
22614	Construct Martinez Intermodal Station, including an additional 425 parking spaces and vehicle and pedestrian bridges (Phase 3)	\$ 14.2	\$ 2.8	\$ 11.4	2004 Measure J sales tax project; for Phase 3 initial segment, see Contra Costa County project #21207
22637	Construct BART crossover at Pleasant Hill BART station	\$ 25.0	\$ 25.0	\$ 0.0	Regional Measure 2 Toll Bridge Program

## Contra Costa County

(In millions of year-of-expenditure dollars)

Reference Number	Project/Program	Total Project Cost	Committed Funds <sup>1</sup>	Discretionary Funds <sup>2</sup>	Project Notes
94045	Purchase new express buses for I-80 express service to be provided by AC Transit, Vallejo Transit and WestCAT (capital costs)	\$ 17.5	\$ 17.5	\$ 0.0	
94046	Improve interchanges and parallel arterials to Route 4	\$ 21.5	\$ 21.5	\$ 0.0	
94048	Improve interchanges and parallel arterials to I-80	\$ 21.5	\$ 21.5	\$ 0.0	
94532	Implement the Gateway Lamorinda Traffic Program (includes carpool lot in Lafayette, structural and safety improvements on Moraga Road, intersection realignments, turn lanes, pedestrian accommodation and signal coordination)	\$ 15.9	\$ 15.9	\$ 0.0	1988 Measure C sales tax project
94538	Implement the Route 4 transportation management system	\$ 1.1	\$ 1.1	\$ 0.0	
98115	Widen Ygnacio Valley/Kirker Pass roads from 4 lanes to 6 lanes from Michigan Boulevard to Cowell Road	\$ 8.2	\$ 8.2	\$ 0.0	
98126	Improve interchanges and arterials parallel to I-680 and Route 24	\$ 21.5	\$ 21.5	\$ 0.0	
98132	Widen and extend Bollinger Canyon Road to 6 lanes from Alcosta Boulevard to Dougherty Road	\$ 4.7	\$ 4.7	\$ 0.0	
98133	Widen Pacheco Boulevard from 2 to 4 lanes from Blum Road to Arthur Road	\$ 50.3	\$ 28.3	\$ 22.0	2004 Measure J sales tax project
98134	Widen Dougherty Road to 6 lanes from Red Willow to Contra Costa County line	\$ 47.8	\$ 47.8	\$ 0.0	
98142	Widen Route 4 from 4 lanes to 8 lanes, with HOV lanes, from Loveridge Road to Somersville Road	\$ 170.0	\$ 170.0	\$ 0.0	1988 Measure C sales tax, Regional Measure 2 Toll Bridge Program, and Traffic Congestion Relief Program (TCRP) project
98157	Enhance AC Transit bus service in San Pablo corridor	\$ 12.9	\$ 12.9	\$ 0.0	
98193	Extend Panoramic Drive from North Concord BART station to Willow Pass Road	\$ 12.9	\$ 12.9	\$ 0.0	
98194	Extend Commerce Avenue to Waterworld Parkway, including construction of vehicular bridge over Pine Creek, installation of trails and a pedestrian bridge connecting Willow Pass Road to Concord Avenue/Route 242 interchange	\$ 7.7	\$ 7.7	\$ 0.0	1988 Measure C sales tax project
98196	Construct auxiliary lanes on Route 24 from Gateway Boulevard to Brookwood Road/Moraga Way	\$ 7.3	\$ 7.3	\$ 0.0	
98198	Improve safety and operations on Vasco Road in Contra Costa County	\$ 45.2	\$ 10.7	\$ 34.5	
98211	Extend I-80 eastbound HOV lanes from Route 4 to the Crockett interchange	\$ 55.5	\$ 55.5	\$ 0.0	Regional Measure 2 Toll Bridge Program

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## Contra Costa County

(In millions of year-of-expenditure dollars)

Reference Number	Project/Program	Total Project Cost	Committed Funds <sup>1</sup>	Discretionary Funds <sup>2</sup>	Project Notes
98222	Construct freeway-to-freeway direct connectors between Route 4 Bypass and Route 160	\$ 60.0	\$ 24.0	\$ 36.0	2004 Measure J sales tax project
98999	Widen Route 4 from Somersville Road to Route 160 and improve interchanges	\$ 530.0	\$ 530.0	\$ 0.0	Proposition 1B Corridor Mobility Improvement Account, Regional Measure 2 Toll Bridge Program, 1988 Measure C sales tax, and 2004 Measure J sales tax project
230084	Construct a railroad grade separation at the Richmond Waterfront on the Marina Bay Parkway	\$ 45.5	\$ 20.0	\$ 25.5	2004 Measure J sales tax project
230090	Expand and enhance AC Transit facilities in western Contra Costa County, including environmental sustainability projects, zero emission improvements and a new operating facility	\$ 25.0	\$ 0.0	\$ 25.0	Coordinates with Alameda County project #21159
230123	Expand existing WestCAT maintenance facility (includes land purchase)	\$ 6.1	\$ 0.0	\$ 6.1	
230127	Construct new satellite WestCAT maintenance facility (includes land purchase)	\$ 8.2	\$ 8.2	\$ 0.0	
230129	Expand WestCAT service, including purchase of vehicles	\$ 8.8	\$ 8.8	\$ 0.0	
230185	Establish express bus service and eBART support network (includes park-and-ride lots and rolling stock)	\$ 21.7	\$ 0.0	\$ 21.7	
230188	Purchase land in Oakley for use as a park-and-ride lot	\$ 1.2	\$ 1.2	\$ 0.0	
230193	Enhance AC Transit Zero Emission Bus (ZEB) program, including fueling stations and new maintenance bays	\$ 8.1	\$ 8.1	\$ 0.0	
230194	Implement AC Transit Environmental Sustainability Program	\$ 6.6	\$ 6.6	\$ 0.0	
230195	Improve safety and security on AC Transit vehicles and in facilities, including installing surveillance systems and emergency operations improvements	\$ 4.5	\$ 4.5	\$ 0.0	
230196	Implement AC Transit San Pablo Dam Road Transit Priority Measures (TPM), including passenger safety improvements and road improvements	\$ 12.2	\$ 12.2	\$ 0.0	
230202	Widen Route 4 Bypass to 4 lanes from Laurel Road to Sand Creek Road	\$ 42.4	\$ 42.4	\$ 0.0	2004 Measure J sales tax project
230203	Construct Route 4 Bypass interchange at Sand Creek Road	\$ 40.4	\$ 40.4	\$ 0.0	2004 Measure J sales tax project
230205	Widen Route 4 Bypass to 4 lanes from Sand Creek Road to Balfour Road	\$ 23.6	\$ 23.6	\$ 0.0	
230206	Construct Route 4 Bypass interchange at Balfour Road (Phase 1)	\$ 46.1	\$ 46.1	\$ 0.0	2004 Measure J sales tax project
230212	Improve Clayton Road/Treat Boulevard intersection and increase capacity (includes upgrading traffic signal and geometric improvements)	\$ 2.1	\$ 2.1	\$ 0.0	2004 Measure J sales tax project

# Contra Costa County

(In millions of year-of-expenditure dollars)

Reference Number	Project/Program	Total Project Cost	Committed Funds <sup>1</sup>	Discretionary Funds <sup>2</sup>	Project Notes
230216	Construct 2-lane bridge connecting Waterworld Parkway with Meridian Park Boulevard	\$ 16.9	\$ 11.3	\$ 5.6	2004 Measure J sales tax project
230225	Improve and expand arterial streets in central Hercules for express bus and rail transit facilities to support transit-oriented development at I-80/Route 4 intersection	\$ 7.7	\$ 7.7	\$ 0.0	
230227	Conduct engineering, environmental and financial feasibility assessment of rail mass transit to western Contra Costa County (includes future station site acquisition)	\$ 2.9	\$ 2.9	\$ 0.0	
230229	Widen Pinole Valley Road ramps at I-80 to provide a dedicated right-turn lane on eastbound on-ramp and bus turnout/shelter on westbound on-ramp	\$ 0.8	\$ 0.0	\$ 0.8	
230232	Construct new interchange at Route 4/Phillips Lane	\$ 50.1	\$ 30.1	\$ 20.0	
230233	Extend James Donlon Boulevard to Kirker Pass Road by constructing a new two-lane expressway	\$ 35.0	\$ 35.0	\$ 0.0	
230236	Widen Pittsburg-Antioch Highway from 2 lanes to 4 lanes	\$ 19.9	\$ 19.9	\$ 0.0	
230237	Extend West Leland Road from San Marco Boulevard to Willow Pass Road (includes a raised median, bicycle lanes and sidewalks)	\$ 45.0	\$ 37.0	\$ 8.0	
230238	Widen California Avenue from 2 lanes to 4 lanes with 2 left-turn lanes	\$ 16.0	\$ 16.0	\$ 0.0	
230239	Widen and improve Buskirk Avenue between Monument Boulevard and Hookston Road to provide 2 through lanes in each direction (includes road realignment, new traffic signals and bicycle/pedestrian streetscape improvements)	\$ 10.6	\$ 10.6	\$ 0.0	
230240	Add additional left- or right-turn lanes at various intersections along Contra Costa Boulevard (between Monument Boulevard and 2nd Avenue)	\$ 11.3	\$ 2.0	\$ 9.3	
230247	Widen Lone Tree Way to 6 lanes from O'Hara Avenue to Brentwood Boulevard	\$ 27.0	\$ 10.4	\$ 16.6	
230249	Construct a 6-lane grade separation undercrossing along the Union Pacific Railroad line at Lone Tree Way	\$ 26.6	\$ 26.6	\$ 0.0	
230250	Widen Brentwood Boulevard from 2 lanes to 4 lanes between Marsh Creek and Delta Road	\$ 23.5	\$ 23.5	\$ 0.0	
230253	Replace the old 2-lane Fitzuren Road with a new, 4-lane divided arterial (includes shoulders, bicycle lanes, a park-and-ride lot and sidewalks)	\$ 10.0	\$ 10.0	\$ 0.0	

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## Contra Costa County

(In millions of year-of-expenditure dollars)

Reference Number	Project/Program	Total Project Cost	Committed Funds <sup>1</sup>	Discretionary Funds <sup>2</sup>	Project Notes
230274	Widen Main Street to 6 lanes from Route 160 to Big Break Road	\$ 12.6	\$ 12.6	\$ 0.0	
230279	Extend John Muir Parkway in Hercules with 4 traffic lanes, a bridge, bicycle path and landscaping	\$ 8.7	\$ 0.4	\$ 8.3	
230288	Widen Empire Avenue from 2 to 4 lanes between Lone Tree Way and Union Pacific Railroad right-of-way/Antioch city limits	\$ 2.1	\$ 2.1	\$ 0.0	
230289	Construct Main Street Downtown Bypass road between Vintage Parkway and 2nd Street	\$ 27.1	\$ 12.4	\$ 14.7	
230291	Add northbound truck climbing lane and a bicycle lane on Kirker Pass Road from Clearbrook Drive in Concord to just beyond the crest of Kirker Pass	\$ 10.2	\$ 8.2	\$ 2.0	
230293	Add transit stops, sidewalks, and bicycle and pedestrian amenities on San Pablo Dam Road in El Sobrante	\$ 7.3	\$ 7.3	\$ 0.0	
230306	Add a second southbound lane on Alhambra Avenue from Walnut Avenue to the south side of Highway 4 (includes signal modifications)	\$ 2.1	\$ 0.3	\$ 1.8	
230307	Widen Camino Tassajara Road from 2 lanes to 4 lanes from Windemere Parkway to the Alameda/Contra Costa County line	\$ 13.0	\$ 4.9	\$ 8.1	
230308	Straighten curves to improve safety and operation of Alhambra Valley Road	\$ 7.5	\$ 3.0	\$ 4.5	
230309	Provide rolling stock, infrastructure and information technology for Bus Rapid Transit service in the Pacheco/Contra Costa Boulevard/North Main corridor	\$ 13.3	\$ 0.0	\$ 13.3	
230318	Extend North Richmond truck route along Soto Street from Market Avenue to Parr Boulevard	\$ 28.1	\$ 5.6	\$ 22.5	
230320	Extend the I-680 southbound HOV lane northward from Livorna Road to north of Rudgear Road	\$ 3.1	\$ 3.1	\$ 0.0	2004 Measure J sales tax project
230321	Construct Phase 2 of Hercules Intermodal Station (includes station building and approximately 350 parking spaces)	\$ 14.0	\$ 0.0	\$ 14.0	
230397	Construct and develop infrastructure enhancements to improve operations of transit service within the WestCAT service area, including park-and-ride lots, signal prioritization, bus-only lanes and freeway drop ramps	\$ 12.4	\$ 12.4	\$ 0.0	
230401	Construct bicycle- and pedestrian-friendly improvements along San Pablo Avenue from El Cerrito to Crockett to support transit-oriented development	\$ 6.8	\$ 6.8	\$ 0.0	

## Contra Costa County

(In millions of year-of-expenditure dollars)

Reference Number	Project/Program	Total Project Cost	Committed Funds <sup>1</sup>	Discretionary Funds <sup>2</sup>	Project Notes
230402	Install new or upgraded corridor management and traveler information elements along the I-80 corridor from the Carquinez Bridge to the San Francisco-Oakland Bay Bridge Toll Plaza (Phase 1)	\$ 67.0	\$ 67.0	\$ 0.0	2004 Measure J sales tax project; for Phase 2, see Contra Costa County project #230597
230505	Provide transportation improvements on the east side of the Richmond BART station to accommodate redevelopment for a transit village	\$ 16.1	\$ 16.1	\$ 0.0	
230535	Realign curves along Marsh Creek Road to improve safety and operations	\$ 4.6	\$ 4.6	\$ 0.0	
230538	Widen Bailey Road lanes and shoulders	\$ 5.7	\$ 5.7	\$ 0.0	
230542	Close a bicycle/pedestrian gap at San Pablo Avenue bridge in Pinole by upgrading the existing bridge or constructing a new dedicated bicycle/pedestrian bridge	\$ 0.9	\$ 0.9	\$ 0.0	
230596	Construct Pacheco Boulevard Transit Hub on Blum Road at the I-680/Route 4 interchange (includes 6 bus bays and a 110-space park-and-ride lot)	\$ 2.7	\$ 2.7	\$ 0.0	1988 Measure C sales tax project
230597	Install new or upgraded corridor management and real-time traveler information improvements in I-80 corridor between the Carquinez Bridge and the San Francisco-Oakland Bay Bridge Toll Plaza (Phase 2)	\$ 26.5	\$ 26.5	\$ 0.0	2004 Measure J sales tax project; for Phase 1, see Contra Costa County project #230402
230613	Implement ferry service between Hercules and San Francisco	\$ 59.3	\$ 16.0	\$ 43.3	Resolution 3434 Regional Transit Expansion Program
230631	Double the existing rail track between Oakley and Port Chicago	\$ 28.1	\$ 28.1	\$ 0.0	
230693	Local streets and roads maintenance	\$ 4,362.0	\$ 2,458.0	\$ 1,001.0	Shortfall remains

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# Marin County

(In millions of year-of-expenditure dollars)

Reference Number	Project/Program	Total Project Cost	Committed Funds <sup>1</sup>	Discretionary Funds <sup>2</sup>	Project Notes
21030	Improve U.S. 101/I-580 interchange and construct a freeway-to-freeway direct connector from northbound U.S. 101 to eastbound I-580 (project approval and environmental document phases only)	\$ 8.0	\$ 0.0	\$ 8.0	
21302	Implement Marin County's bicycle and pedestrian program	\$ 19.9	\$ 19.9	\$ 0.0	
21315	Signalize ramp intersections at U.S. 101/Miller Creek Road interchange	\$ 1.4	\$ 0.0	\$ 1.4	
21325	Improve local access to U.S. 101 from Tamalpais Drive to just north of Sir Francis Drake Boulevard	\$ 120.7	\$ 55.2	\$ 65.5	Regional Measure 2 Toll Bridge Program
22437	Construct auxiliary lanes at various locations along U.S. 101 and provide bus-on-shoulder options where feasible	\$ 5.0	\$ 0.0	\$ 5.0	
22753	Construct park-and-ride lots to support regional express bus service	\$ 5.0	\$ 0.0	\$ 5.0	
94563	Widen U.S. 101 for HOV lanes (one in each direction) from Lucky Drive in Corte Madera to North San Pedro Road in San Rafael	\$ 189.8	\$ 189.8	\$ 0.0	2002 Traffic Congestion Relief Program (TCRP) project
98179	Improve U.S. 101/Tiburon Boulevard interchange, including circulation and signal improvements to nearby intersections	\$ 21.8	\$ 10.3	\$ 11.5	
230060	Implement Transit Priority Measures (TPM) on major transit corridors (includes signal priority, queue-jump lanes, real-time information and enhanced passenger board areas)	\$ 30.0	\$ 0.0	\$ 30.0	
230095	Widen Route 1 at Pacific Way to provide a Muir Beach bus stop	\$ 0.2	\$ 0.2	\$ 0.0	
230105	Replace Pacific Way Bridge with new 2-lane bridge with a separate bicycle and pedestrian path	\$ 4.6	\$ 0.0	\$ 4.6	
230252	Expand Marin County local bus service	\$ 10.0	\$ 0.0	\$ 10.0	
230400	Improve access to Southern Marin parklands	\$ 22.5	\$ 22.5	\$ 0.0	
230406	Implement initial set of transportation improvements identified in the Canal Neighborhood Community-Based Transportation Plan	\$ 1.2	\$ 1.2	\$ 0.0	Funding for subsequent project phases is being pursued
230418	Rehabilitate major roads of countywide significance	\$ 92.8	\$ 62.8	\$ 30.0	
230422	Signalize Anderson Drive/East Sir Francis Drake Boulevard intersection	\$ 3.0	\$ 0.0	\$ 3.0	
230431	Construct intermodal transit hub in Southern Marin Priority Development Area and/or in the city of Novato	\$ 11.0	\$ 0.0	\$ 11.0	
230502	Construct westbound I-580 to northbound U.S. 101 connector	\$ 20.8	\$ 20.8	\$ 0.0	

# Marin County

(In millions of year-of-expenditure dollars)

Reference Number	Project/Program	Total Project Cost	Committed Funds <sup>1</sup>	Discretionary Funds <sup>2</sup>	Project Notes
230516	Implement Marin County's Safe Routes to Schools Program	\$ 43.0	\$ 43.0	\$ 0.0	
230549	Implement local arterial improvements parallel to U.S. 101 and I-580 (includes signalization, signal controller upgrades, signal coordination and geometric improvements)	\$ 10.0	\$ 0.0	\$ 10.0	
230694	Local streets and roads maintenance	\$ 1,477.0	\$ 577.0	\$ 328.0	Shortfall remains
230709	Implement routine maintenance of bicycle and pedestrian Class I facilities	\$ 1.0	\$ 1.0	\$ 0.0	2004 Measure A sales tax project
230711	Implement parking improvements at Larkspur Ferry Terminal	\$ 0.5	\$ 0.5	\$ 0.0	

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# Napa County

(In millions of year-of-expenditure dollars)

Reference Number	Project/Program	Total Project Cost	Committed Funds <sup>1</sup>	Discretionary Funds <sup>2</sup>	Project Notes
22746	Widen Route 29/First Street overcrossing to 4 lanes	\$ 12.0	\$ 0.0	\$ 12.0	
94073	Construct a flyover connecting southbound Route 221 to southbound routes 12 and 29 (environmental and design phases)	\$ 6.3	\$ 6.3	\$ 0.0	Funding for subsequent project phases is being pursued
94075	Construct grade separation improvements at Route 12/Route 29 intersection (environmental phase)	\$ 1.5	\$ 1.5	\$ 0.0	Funding for subsequent project phases is being pursued
94076	Construct the Trancas intermodal facility adjacent to the Route 29 and Redwood Road/Trancas Street interchange	\$ 6.3	\$ 0.0	\$ 6.3	
230371	Construct ADA-compliant pedestrian and bicycle path from Presidents Circle to railroad track in Yountville	\$ 0.3	\$ 0.0	\$ 0.3	
230373	Construct pedestrian and bicycle pathway from Madison Street to Solano Avenue	\$ 0.6	\$ 0.0	\$ 0.6	
230374	Construct pedestrian crosswalk at Charter Oak and Main Streets in St. Helena	\$ 0.1	\$ 0.0	\$ 0.1	
230376	Construct pedestrian and bicycle crossing at Tunnel of Elms in St. Helena	\$ 0.5	\$ 0.0	\$ 0.5	
230377	Construct pedestrian and bicycle crossing over Sulphur Creek at Oak Avenue in St. Helena	\$ 0.6	\$ 0.0	\$ 0.6	
230378	Implement accessibility improvement projects in downtown St. Helena, including curb cuts	\$ 1.2	\$ 0.0	\$ 1.2	
230379	Improve the truck route between Adams Street and Main Street	\$ 1.3	\$ 0.0	\$ 1.3	
230381	Improve signalization along Main Street in St. Helena	\$ 1.3	\$ 0.0	\$ 1.3	
230387	Construct a roundabout or improve traffic signals to improve safety at the Deer Park/Silverado Trail intersection	\$ 2.2	\$ 0.0	\$ 2.2	
230388	Improve the safety of the Oak Knoll/Silverado Trail intersection	\$ 0.4	\$ 0.0	\$ 0.4	
230389	Improve the safety of the Yountville Cross/Silverado Trail intersection	\$ 0.5	\$ 0.0	\$ 0.5	
230390	Improve the safety of the Oakville Crossroad/Route 29 intersection	\$ 0.4	\$ 0.0	\$ 0.4	
230392	Extend Devlin Road from Fagan Creek to Green Island Road	\$ 20.4	\$ 0.0	\$ 20.4	
230393	Construct middle-turn lane on Route 29 from Galleron Lane to St. Helena	\$ 20.4	\$ 0.0	\$ 20.4	
230394	Improve the traffic signals at Solano and Wine Country avenues (includes road widening, drainage and rail crossing improvements)	\$ 0.7	\$ 0.0	\$ 0.7	

## Napa County

(In millions of year-of-expenditure dollars)

Reference Number	Project/Program	Total Project Cost	Committed Funds <sup>1</sup>	Discretionary Funds <sup>2</sup>	Project Notes
230483	Prepare Project Study Report (PSR) to improve Silverado Trail/Third/Coombsville/East intersection and improve Silverado Trail south of First Street	\$ 2.2	\$ 0.0	\$ 2.2	
230484	Install traffic signals on Imola Avenue at Route 29 ramps in Napa	\$ 0.9	\$ 0.0	\$ 0.9	
230486	Extend Devlin Road from Tower Road to Airpark Road in American Canyon	\$ 4.6	\$ 0.0	\$ 4.6	
230498	Construct Class I bicycle trail from Route 29 to Silverado Trail	\$ 1.1	\$ 0.0	\$ 1.1	
230499	Construct bicycle/pedestrian path from Oak Circle to south Yountville town limit	\$ 0.2	\$ 0.0	\$ 0.2	
230508	Elevate Solano Avenue from Yountville to Dry Creek	\$ 2.2	\$ 1.1	\$ 1.1	
230518	Construct a roundabout at Forest Road/Route 128	\$ 4.4	\$ 0.0	\$ 4.4	
230519	Improve the safety of the Route 29/Route 128 (Rutherford Crossroad) intersection by constructing a roundabout or improving signal operations	\$ 6.2	\$ 0.0	\$ 6.2	
230599	Implement Phase 2 improvements to Route 12 (Jamieson Canyon), including grade realignment and full safety barrier	\$ 21.5	\$ 0.0	\$ 21.5	For Phase 1, see Bay Area Region/Multi-County project #94152
230622	Construct new bicycle/pedestrian trail through American Canyon	\$ 5.6	\$ 0.0	\$ 5.6	
230695	Local streets and roads maintenance	\$ 1,284.0	\$ 403.0	\$ 221.0	Shortfall remains

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## San Francisco County

(In millions of year-of-expenditure dollars)

Reference Number	Project/Program	Total Project Cost	Committed Funds <sup>1</sup>	Discretionary Funds <sup>2</sup>	Project Notes
21502	Implement pedestrian projects, including sidewalk repair, crossing signal, signage improvements and an education campaign	\$ 120.4	\$ 116.4	\$ 4.0	2003 Proposition K sales tax project
21503	Implement a traffic calming program aimed at reducing auto traffic speeds and improving pedestrian and bicyclist safety throughout San Francisco	\$ 100.3	\$ 95.3	\$ 5.0	2003 Proposition K sales tax project
21504	Improve roadways throughout San Francisco by installing new traffic signs and signals, providing new transit lane markings, installing new parking meters and relocating a traffic maintenance shop	\$ 176.8	\$ 171.8	\$ 5.0	2003 Proposition K sales tax project
21505	Repair and retrofit local bridge structures and pedestrian overcrossings	\$ 72.3	\$ 67.3	\$ 5.0	
21510	Extend the Third Street Light Rail line from north of King Street to Clay Street in Chinatown via a new Central Subway, including the purchase of light-rail vehicles	\$ 1,570.0	\$ 1,570.0	\$ 0.0	Resolution 3434 Regional Transit Expansion Program and 2003 Proposition K sales tax project
21533	Plant trees and maintain new and existing trees in public rights-of-way throughout San Francisco	\$ 55.1	\$ 50.1	\$ 5.0	2003 Proposition K sales tax project
21535	Implement Travel Demand Management (TDM) program, including transit route planning, bicycle and pedestrian planning and transit-oriented development studies and planning	\$ 106.0	\$ 104.0	\$ 2.0	2003 Proposition K sales tax project
21549	Implement direct access route from Hunters Point Shipyard to U.S. 101, including repaving existing roadway and adding new curbs and curb ramps, sidewalks, street lighting, trees and route signage	\$ 225.0	\$ 215.0	\$ 10.0	
22249	Upgrade and extend streets and other vehicular facilities throughout San Francisco	\$ 34.0	\$ 24.0	\$ 10.0	2003 Proposition K sales tax project
22412	Purchase light-rail vehicles to expand Muni rail service	\$ 44.5	\$ 1.2	\$ 43.3	2003 Proposition K sales tax project
22415	Provide new historic streetcar service along the Embarcadero between the Caltrain Station and Fisherman's Wharf; extend streetcar service from Fisherman's Wharf to Fort Mason	\$ 16.4	\$ 3.8	\$ 12.6	Regional Measure 2 Toll Bridge Program and 2003 Proposition K sales tax project
22420	Implement Bus Rapid Transit (BRT) and Transit Preferential Streets (TPS) programs throughout San Francisco	\$ 54.0	\$ 39.6	\$ 14.4	2003 Proposition K sales tax project
22462	Implement bicycling programs, including construction and rehabilitation of bicycle lanes and paths; improve signage and crossings; and implement a public awareness campaign	\$ 63.6	\$ 61.6	\$ 2.0	2003 Proposition K sales tax project



# San Francisco County

(In millions of year-of-expenditure dollars)

Reference Number	Project/Program	Total Project Cost	Committed Funds <sup>1</sup>	Discretionary Funds <sup>2</sup>	Project Notes
22512	Provide capital improvements to support ferry service between Treasure Island and San Francisco	\$ 57.1	\$ 45.0	\$ 12.1	Resolution 3434 Regional Transit Expansion Program
22982	Enhance transit programs in San Francisco that promote system connectivity and accessibility, close service gaps and expand transit service	\$ 196.1	\$ 191.1	\$ 5.0	2003 Proposition K sales tax project
22984	Construct new/reconstruct existing wheelchair curb ramps	\$ 41.1	\$ 36.1	\$ 5.0	2003 Proposition K sales tax project
94632	Extend Third Street Light Rail from Fourth and King streets to Bayshore Caltrain Station	\$ 649.0	\$ 649.0	\$ 0.0	2003 Proposition K sales tax and Regional Measure 2 Toll Bridge Program project
98593	Fund the Integrated Transportation Management System (SFgo)	\$ 138.4	\$ 133.4	\$ 5.0	2003 Proposition K sales tax project
230161	Implement a Bus Rapid Transit (BRT) project on Van Ness Avenue (includes dedicated transit lanes, signal priority and pedestrian and urban design upgrades)	\$ 87.6	\$ 87.6	\$ 0.0	Resolution 3434 Regional Transit Expansion Program
230164	Implement a Bus Rapid Transit (BRT) project on Geary Boulevard (includes dedicated transit lanes, signal priority and pedestrian and urban design upgrades)	\$ 219.8	\$ 127.3	\$ 92.5	
230168	Improve the Great Highway between Lincoln Way and 48th Avenue (includes resurfacing roadway, installing drainage systems and constructing medians)	\$ 19.4	\$ 1.5	\$ 17.9	
230207	Implement a Bus Rapid Transit (BRT) project on the Geneva Avenue/Harney Way corridor (includes new infrastructure and rolling stock)	\$ 265.0	\$ 225.0	\$ 40.0	
230211	Extend trolley coach infrastructure into Mission Bay along 16th Street and Third Street, and implement transit signal priority along 16th Street and Fillmore Street	\$ 13.9	\$ 4.1	\$ 9.8	
230215	Extend existing trolley coach lines throughout San Francisco	\$ 5.6	\$ 1.3	\$ 4.3	2003 Proposition K sales tax project
230364	Improve water access to San Francisco parks	\$ 4.0	\$ 4.0	\$ 0.0	
230490	Reconstruct and widen Harney Way to 8 lanes (6 mixed flow, 2 bus-only for Bus Rapid Transit service) and improve bicycle lanes and sidewalks	\$ 54.3	\$ 51.3	\$ 3.0	
230517	Improve transit and roadway connectivity between San Francisco and San Mateo counties	\$ 280.0	\$ 275.0	\$ 5.0	
230555	Reconstruct ramps on the east side of the San Francisco-Oakland Bay Bridge's Yerba Buena Island tunnel	\$ 183.0	\$ 183.0	\$ 0.0	

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## San Francisco County

(In millions of year-of-expenditure dollars)

Reference Number	Project/Program	Total Project Cost	Committed Funds <sup>1</sup>	Discretionary Funds <sup>2</sup>	Project Notes
230581	Improve San Francisco ferry infrastructure, including terminals, intermodal connections, ferry berths, emergency response systems and landside improvements	\$ 30.8	\$ 25.8	\$ 5.0	2003 Proposition K sales tax project
230585	Improve the functionality, safety and attractiveness of local streets and arterials in San Francisco	\$ 28.8	\$ 23.8	\$ 5.0	
230594	Improve San Francisco BART stations to enhance passenger safety, accessibility and capacity, improve signage and provide real time transit information	\$ 188.2	\$ 183.2	\$ 5.0	2003 Proposition K sales tax project
230696	Local streets and roads maintenance	\$ 3,562.0	\$ 2,123.0	\$ 681.0	Shortfall remains

# San Mateo County

(In millions of year-of-expenditure dollars)

Reference Number	Project/Program	Total Project Cost	Committed Funds <sup>1</sup>	Discretionary Funds <sup>2</sup>	Project Notes
21602	Reconstruct U.S. 101/Broadway interchange	\$ 59.5	\$ 28.0	\$ 31.5	
21603	Modify U.S. 101/Woodside Road interchange	\$ 50.3	\$ 30.3	\$ 20.0	
21604	Construct auxiliary lanes (one in each direction) on U.S. 101 from Sierra Point to San Francisco County line	\$ 6.7	\$ 3.2	\$ 3.5	
21606	Reconstruct U.S. 101/Willow Road interchange	\$ 53.8	\$ 53.8	\$ 0.0	
21607	Modify University Avenue overcrossing of U.S. 101 to improve operational efficiency and safety (includes widening of overcrossing, constructing new southbound off-ramp and auxiliary lane, and adding bicycle lanes)	\$ 6.4	\$ 2.1	\$ 4.3	
21608	Construct auxiliary lanes (one in each direction) on U.S. 101 from Marsh Road to Embarcadero Road	\$ 119.9	\$ 119.9	\$ 0.0	Partially funded with Proposition 1B Corridor Mobility Improvement Account funds
21609	Improve local access from Sneath Lane and San Bruno Avenue to I-280/I-380 interchange (study phase only)	\$ 2.0	\$ 2.0	\$ 0.0	
21610	Construct auxiliary lanes (one in each direction) on U.S. 101 from San Bruno Avenue to Grand Avenue	\$ 57.5	\$ 26.6	\$ 30.9	
21612	Improve access to/from west side of Dumbarton Bridge on Route 84 connecting to U.S. 101 (includes flyovers, interchange improvements and conversion of Willow Road between Route 84 and U.S. 101 to expressway)	\$ 92.4	\$ 80.4	\$ 12.0	2004 Measure A sales tax project
21613	Improve Route 92 from San Mateo-Hayward Bridge to I-280 (includes widening and uphill passing lane from U.S. 101 to I-280)	\$ 85.6	\$ 50.6	\$ 35.0	2004 Measure A sales tax project
21615	Reconstruct I-280/Route 1 interchange, including ramps	\$ 70.0	\$ 53.0	\$ 17.0	1988 and 2004 Measure A sales tax project
21623	Improve Caltrain stations (includes upgrades/relocation of platforms, new platforms, pedestrian tunnels, pedestrian crossings and parking improvements)	\$ 139.0	\$ 119.1	\$ 19.9	1988 Measure A sales tax project
21624	Implement an incentive program to support transit-oriented developments within 1/2-mile of Caltrain stations that have a minimum density of 40 units per acre	\$ 19.6	\$ 3.3	\$ 16.3	
21626	Implement Caltrain grade separation program in San Mateo County	\$ 714.2	\$ 629.2	\$ 85.0	1988 and 2004 Measure A sales tax project
21892	Widen Woodside Road from 4 to 6 lanes from El Camino Real to Broadway	\$ 16.6	\$ 7.7	\$ 8.9	
21893	Widen Route 92 from Half Moon Bay city limits and Pilarcitos Creek (includes widening shoulders and travel lanes to standard widths and straightening curves)	\$ 40.1	\$ 24.5	\$ 15.6	

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## San Mateo County

(In millions of year-of-expenditure dollars)

Reference Number	Project/Program	Total Project Cost	Committed Funds <sup>1</sup>	Discretionary Funds <sup>2</sup>	Project Notes
22120	Construct ferry terminal at Redwood City	\$ 15.0	\$ 15.0	\$ 0.0	
22226	Construct Bayshore Intermodal Facility for Caltrain, Muni light rail, and Muni and SamTrans buses (includes cross-platform transit transfers between Muni Third Street light-rail station and Caltrain Bayshore station)	\$ 36.5	\$ 27.3	\$ 9.2	
22227	Extend Geneva Avenue to the U.S. 101/Candlestick Point interchange (includes Caltrain grade separation at Tunnel Avenue and other local street improvements)	\$ 44.2	\$ 22.1	\$ 22.1	
22229	Reconstruct U.S. 101/Sierra Point Parkway interchange (includes extension of Lagoon Way to U.S. 101)	\$ 30.7	\$ 26.3	\$ 4.4	
22230	Construct auxiliary lanes (one in each direction) on I-280 from I-380 to Hickey Boulevard	\$ 87.7	\$ 53.6	\$ 34.1	2004 Measure A sales tax project
22232	Construct streetscape improvements on Mission Street (Route 82) from John Daly Boulevard to San Pedro Road	\$ 3.4	\$ 3.4	\$ 0.0	
22239	Widen Manor Drive overcrossing at Route 1 (includes new traffic signals at intersection)	\$ 22.0	\$ 10.1	\$ 11.9	2004 Measure A sales tax project
22261	Replace San Pedro Creek Bridge over Route 1	\$ 6.8	\$ 3.7	\$ 3.1	
22268	Provide countywide shuttle service between Caltrain stations and major activity centers (includes purchase of vehicles)	\$ 175.0	\$ 154.1	\$ 20.9	2004 Measure A sales tax project
22271	Widen Skyline Boulevard (Route 35) from 2 to 4 lanes between I-280 and Sneath Lane	\$ 6.4	\$ 3.9	\$ 2.5	
22274	Install an Intelligent Transportation System (ITS) and a Traffic Operation System (TOS) countywide	\$ 73.7	\$ 39.8	\$ 33.9	2004 Measure A sales tax project
22279	Construct new U.S. 101/Produce Avenue interchange (includes replacement of Produce Avenue on- and off-ramps and South Airport Boulevard ramps to U.S. 101 at Wondercolor Lane)	\$ 16.4	\$ 8.2	\$ 8.2	
22282	Improve U.S. 101 operations near Route 92	\$ 49.8	\$ 23.0	\$ 26.8	2004 Measure A sales tax project
22615	Improve station facilities and other rail improvements in Redwood City, Menlo Park and East Palo Alto in conjunction with the Dumbarton Rail Corridor	\$ 39.3	\$ 39.3	\$ 0.0	2004 Measure A sales tax project
22726	Implement ferry service between South San Francisco and Alameda/Oakland	\$ 51.2	\$ 51.2	\$ 0.0	Resolution 3434 Regional Transit Expansion Program

# San Mateo County

(In millions of year-of-expenditure dollars)

Reference Number	Project/Program	Total Project Cost	Committed Funds <sup>1</sup>	Discretionary Funds <sup>2</sup>	Project Notes
22751	Improve operations and safety of Route 1 in Half Moon Bay (includes extending Route 1 to Half Moon Bay city limits and channelization at local intersections)	\$ 40.8	\$ 23.9	\$ 16.9	2004 Measure A sales tax project
22756	Reconstruct U.S. 101/Candlestick Point interchange	\$ 73.7	\$ 51.2	\$ 22.5	
94643	Widen Route 92 from Half Moon Bay city limits to Route 1 (includes adding left-turn lanes, signal modifications, shoulders and bicycle lanes)	\$ 29.9	\$ 29.9	\$ 0.0	
94644	Construct westbound slow-vehicle lane on Route 92 from Route 35 to I-280	\$ 57.6	\$ 45.6	\$ 12.0	
94656	Construct Devil's Slide Bypass between Montara and Pacifica	\$ 362.6	\$ 362.6	\$ 0.0	
94667	Provide SamTrans Americans with Disabilities Act (ADA) paratransit services (includes operating support and purchase of new paratransit vehicles)	\$ 491.8	\$ 491.8	\$ 0.0	1998 and 2004 Measure A sales tax project
98176	Construct auxiliary lanes on U.S. 101 from 3rd Avenue to Millbrae and reconstruct U.S. 101/Peninsula interchange	\$ 188.2	\$ 188.2	\$ 0.0	
98204	Add travel lane (one in each direction) on Route 1 (Calera Parkway) between Fassler Avenue and Westport Drive in Pacifica (includes traffic signal coordination on Fassler Avenue and Reina Del Mar Avenue)	\$ 44.4	\$ 18.0	\$ 26.4	
230192	Improve SamTrans bus services (includes enhanced service levels, transit priority measures, signal timing and dedicated bus lanes)	\$ 2.5	\$ 2.5	\$ 0.0	
230349	Improve local access to National Park Service (NPS) lands in San Mateo	\$ 151.1	\$ 151.1	\$ 0.0	
230417	Modify U.S. 101/Holly Street interchange (includes widening eastbound to northbound loop to 2 lanes and eliminating northbound to westbound loop)	\$ 3.2	\$ 3.2	\$ 0.0	
230424	Modify Route 92/El Camino Real interchange	\$ 3.0	\$ 3.0	\$ 0.0	
230428	Extend Blomquist Street over Redwood Creek to East Bayshore and Bair Island Road	\$ 5.2	\$ 5.2	\$ 0.0	
230430	Implement San Mateo's bicycle and pedestrian program	\$ 45.0	\$ 45.0	\$ 0.0	2004 Measure A sales tax project
230434	Implement local circulation improvements and the local streets traffic management program	\$ 20.0	\$ 20.0	\$ 0.0	
230592	Improve streetscape and traffic calming along Bay Road, and construct new northern access connection between Demeter Street and University Avenue	\$ 14.8	\$ 14.8	\$ 0.0	
230697	Local streets and roads maintenance	\$ 3,089.0	\$ 1,503.0	\$ 729.0	Shortfall remains
230704	Make Route 92 operational improvements to Chess Drive on-ramps	\$ 2.5	\$ 2.5	\$ 0.0	

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## Santa Clara County

(In millions of year-of-expenditure dollars)

Reference Number	Project/Program	Total Project Cost	Committed Funds <sup>1</sup>	Discretionary Funds <sup>2</sup>	Project Notes
21702	Construct interchange at U.S. 101 and Buena Vista Avenue	\$ 27.0	\$ 0.0	\$ 27.0	
21714	Widen U.S. 101 between Monterey Highway and Route 25 and construct an interchange at U.S. 101/Route 25 (includes an extension to Santa Teresa Boulevard)	\$ 243.0	\$ 0.0	\$ 243.0	Environmental document includes widening U.S. 101 from Route 25 to Route 129
21719	Improve I-880/I-280/Stevens Creek Boulevard interchange (includes eliminating eastbound off-ramp loop and reconfiguring the off-ramp to eastbound Stevens Creek Boulevard, and improving Winchester Boulevard at I-280)	\$ 150.0	\$ 0.0	\$ 150.0	
21720	Improve U.S. 101/Tennant Avenue interchange, including constructing a new bridge parallel to existing bridge over U.S. 101, widening Tennant Avenue from 2 lanes to 4 lanes with bicycle lanes and sidewalks, and adding a new northbound loop on-ramp	\$ 18.2	\$ 9.1	\$ 9.1	
21722	Improve U.S. 101 southbound Trimble Road/De La Cruz Boulevard/Central Expressway interchange	\$ 43.0	\$ 21.5	\$ 21.5	
21749	Extend Butterfield Boulevard from Tennant Avenue to Watsonville Road (includes new roadway segment, railroad overpass bridge, drainage channel, traffic signal upgrade, median, landscaping, bicycle lanes and sidewalks)	\$ 20.6	\$ 9.9	\$ 10.7	
21760	Double-track segments of the Caltrain line between San Jose and Gilroy	\$ 86.0	\$ 86.0	\$ 0.0	2000 Measure A sales tax project and 2000 Traffic Congestion Relief Program (TCRP) project
21785	Reconfigure local roadway and interchange at U.S. 101/Blossom Hill Road in San Jose (includes widening Blossom Hill Road over U.S. 101)	\$ 22.0	\$ 12.0	\$ 10.0	
21787	Expand the Palo Alto Caltrain Station and Bus Transit Center	\$ 230.0	\$ 230.0	\$ 0.0	
21790	Provide VTA's share of funds for additional train sets, passenger facilities and service upgrades for the ACE service from San Joaquin and Alameda counties	\$ 26.9	\$ 26.9	\$ 0.0	
21797	Implement Route 17 bus service improvements between downtown San Jose and downtown Santa Cruz	\$ 3.0	\$ 3.0	\$ 0.0	2000 Measure A sales tax project
21921	Extend BART from Fremont (Warm Springs) to San Jose/Santa Clara (includes environmental, preliminary engineering, property acquisition and construction phases)	\$ 7,587.0	\$ 7,587.0	\$ 0.0	Resolution 3434 Regional Transit Expansion Program and 2000 Measure A sales tax project
21922	Implement the Mineta San Jose International Airport automated people-mover service	\$ 508.0	\$ 508.0	\$ 0.0	2000 Measure A sales tax project
21923	Implement Bus Rapid Transit (BRT) in the Alameda and El Camino Real corridors	\$ 233.4	\$ 233.4	\$ 0.0	2000 Measure A sales tax project

# Santa Clara County

(In millions of year-of-expenditure dollars)

Reference Number	Project/Program	Total Project Cost	Committed Funds <sup>1</sup>	Discretionary Funds <sup>2</sup>	Project Notes
22014	Implement Bus Rapid Transit (BRT) in the Santa Clara-Alum Rock corridor with the potential to convert to light-rail in the future (Santa Clara-Alum Rock Phase 1)	\$ 132.0	\$ 132.0	\$ 0.0	Resolution 3434 Regional Transit Expansion Program and 2000 Measure A sales tax project; for Phase 2, see Santa Clara project #22019
22019	Convert Bus Rapid Transit (BRT) to light-rail transit in the Santa Clara-Alum Rock corridor (Santa Clara-Alum Rock Phase 2)	\$ 326.7	\$ 326.7	\$ 0.0	2000 Measure A sales tax project; for Phase 1, see Santa Clara project #22014
22118	Extend Hill Road from East Main Avenue to Peet Avenue	\$ 11.5	\$ 2.1	\$ 9.4	
22134	Construct a lane on southbound U.S. 101 using the existing median from south of Story Road to Yerba Buena Road; modify the U.S. 101/Tully road interchange to a partial cloverleaf	\$ 69.8	\$ 69.8	\$ 0.0	Partially funded with Proposition 1B Corridor Mobility Improvement Account funds
22142	Improve U.S. 101/Capitol Expressway interchange (includes new northbound on-ramp from Yerba Buena Road)	\$ 50.1	\$ 0.0	\$ 50.1	
22145	Widen westbound Route 237 on-ramp from Route 237 to northbound U.S. 101 to 2 lanes and add auxiliary lane on northbound U.S. 101 from Route 237 on-ramp to Ellis Street interchange (includes Traffic Operation System/TOS elements)	\$ 17.9	\$ 0.0	\$ 17.9	
22153	Extend Mary Avenue north across Route 237 (includes reconfiguring the Mathilda Avenue/U.S. 101 interchange)	\$ 74.1	\$ 34.0	\$ 40.1	
22156	Improve Route 85 northbound to Route 237 eastbound connector ramp and construct auxiliary lane on eastbound Route 237 between Route 85 and Middlefield Road	\$ 32.0	\$ 0.0	\$ 32.0	
22162	Improve Route 237 westbound to Route 85 southbound connector ramp (includes widening off-ramp to Route 85 to 2 lanes and adding a southbound auxiliary lane between Route 237 and El Camino Real interchange on Route 85)	\$ 94.7	\$ 0.0	\$ 94.7	
22175	Widen Almaden Expressway to 8 lanes between Coleman Road and Blossom Hill Road	\$ 12.8	\$ 0.0	\$ 12.8	
22179	Widen Central Expressway from 4 to 6 lanes between Lawrence Expressway and San Tomas Expressway	\$ 23.4	\$ 0.0	\$ 23.4	
22180	Widen Central Expressway between Lawrence Expressway and Mary Avenue to provide auxiliary lanes	\$ 22.7	\$ 0.6	\$ 22.1	
22186	Widen San Tomas Expressway to 8 lanes between El Camino Real (Route 82) and Williams Road	\$ 69.9	\$ 0.0	\$ 69.9	

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# Santa Clara County

(In millions of year-of-expenditure dollars)

Reference Number	Project/Program	Total Project Cost	Committed Funds <sup>1</sup>	Discretionary Funds <sup>2</sup>	Project Notes
22246	Implement bicycle and pedestrian improvements on Blossom Hill Road	\$ 13.0	\$ 13.0	\$ 0.0	
22808	Implement Caltrain grade separation program in Santa Clara County	\$ 0.5	\$ 0.5	\$ 0.0	
22809	Realign DeWitt Avenue/Sunnyside Avenue intersection	\$ 8.7	\$ 1.6	\$ 7.1	
22814	Extend Foothill Expressway westbound deceleration lane at San Antonio Road	\$ 0.9	\$ 0.0	\$ 0.9	
22815	Upgrade Miramonte Avenue bikeway to Class II between Mountain View and Foothill Expressway	\$ 1.6	\$ 0.3	\$ 1.3	
22822	Provide real-time expressway traffic information in Santa Clara County	\$ 6.1	\$ 0.0	\$ 6.1	
22839	Convert the HOV lane on Central Expressway between San Tomas and De La Cruz to a general purpose lane	\$ 0.1	\$ 0.1	\$ 0.0	
22842	Improve Route 152/Ferguson Road intersection; includes lighting and widening	\$ 2.0	\$ 0.0	\$ 2.0	
22843	Widen Lawrence Expressway from 6 to 8 lanes between Moorpark Avenue/Bollinger Road and south of Calvert Court	\$ 8.9	\$ 0.0	\$ 8.9	
22854	Improve bicycle/pedestrian safety at I-280/Oregon-Page Mill interchange	\$ 9.5	\$ 0.0	\$ 9.5	
22873	Widen Loyola Bridge over Foothill Expressway to add a third lane for left turns and improve bicycle/pedestrian access	\$ 9.1	\$ 0.0	\$ 9.1	
22878	Realign Wildwood Avenue to connect with Lawrence Expressway (includes new traffic signal)	\$ 5.3	\$ 1.0	\$ 4.3	
22883	Modify medians on Lawrence Expressway (including those at Lochinvar Avenue, De Sota Avenue, Golden State Drive, Granada Avenue, Buckley Street and St. Lawrence Drive/Lawrence Station Road) for limited access	\$ 1.8	\$ 0.0	\$ 1.8	
22895	Improve the operations of San Tomas Expressway/Route 17 interchange (includes restriping the eastbound through lane on White Oaks Road and adding a second right-turn lane on the southbound off-ramp)	\$ 3.2	\$ 0.0	\$ 3.2	
22909	Fund the operating and capital needs of Measure A transit services	\$ 1,954.0	\$ 1,954.0	\$ 0.0	
22910	Add Traffic Operations System (TOS) infrastructure on Santa Teresa Boulevard between Day Road and Mesa Road	\$ 8.5	\$ 0.0	\$ 8.5	
22925	Realign existing curve on DeWitt Avenue between Edmundson Avenue and Spring Avenue	\$ 3.1	\$ 0.6	\$ 2.5	
22944	Widen I-880 for HOV lanes in both directions from Route 237 in Milpitas to U.S. 101 in San Jose	\$ 105.0	\$ 105.0	\$ 0.0	Partially funded with Proposition 1B Corridor Mobility Improvement Account funds

# Santa Clara County

(In millions of year-of-expenditure dollars)

Reference Number	Project/Program	Total Project Cost	Committed Funds <sup>1</sup>	Discretionary Funds <sup>2</sup>	Project Notes
22956	Extend the Capitol Avenue light-rail line from the Alum Rock Transit Center to a rebuilt Eastridge Transit Center	\$ 334.0	\$ 334.0	\$ 0.0	Resolution 3434 Regional Transit Expansion Program
22965	Construct U.S. 101/Mabury Road/Taylor Street interchange	\$ 59.1	\$ 30.0	\$ 29.1	
22978	Extend the Capitol Expressway light-rail transit (LRT) from Eastridge Transit Center to Nieman Boulevard	\$ 137.0	\$ 137.0	\$ 0.0	2000 Measure A sales tax project
22979	Construct local roadway improvements over-crossing U.S. 101 (includes local circulation improvements to Zanker Road, Old Bayshore Highway, N. 4th Street and Skyport Drive)	\$ 120.0	\$ 120.0	\$ 0.0	
98119	Extend light-rail transit from Winchester Station to Route 85 (Vasona Junction)	\$ 146.0	\$ 146.0	\$ 0.0	1996 Measure B sales tax project
230174	Construct a 4-lane bridge across Uvas Creek connecting the east and west sides of Tenth Street, including 4 travel lanes, bicycle lanes, sidewalks and a new traffic signal at the intersection of Tenth Street and Uvas Park Drive)	\$ 15.4	\$ 0.0	\$ 15.4	
230175	Construct a new 2-lane overcrossing on Las Animas Avenue at U.S. 101 (includes shoulders, bicycle lanes and sidewalks)	\$ 11.1	\$ 0.0	\$ 11.1	
230200	Extend Autumn Street from Union Pacific Railroad crossing to Park Avenue	\$ 33.5	\$ 0.0	\$ 33.5	
230201	Widen Coleman Avenue from 4 to 6 lanes from I-880 to Taylor Street	\$ 13.9	\$ 2.7	\$ 11.2	
230210	Rebuild box culvert under San Tomas Expressway	\$ 15.9	\$ 0.5	\$ 15.4	
230242	Add Capitol Expressway Traffic Operations System (TOS) between U.S. 101 and Almaden Expressway	\$ 4.3	\$ 0.0	\$ 4.3	
230246	Improve intersection at Lawrence Expressway and Prospect Road by adding a second left-turn lane and modifying the existing traffic signals	\$ 3.2	\$ 0.0	\$ 3.2	
230251	Improve expressway traffic operations system (TOS) in Santa Clara county (includes automated traffic count collection system, wireless controller communication system, wireless vehicular detection system, and signal and video infrastructure upgrades)	\$ 12.2	\$ 0.0	\$ 12.2	
230262	Construct a new interchange at U.S. 101 and Montague Expressway	\$ 17.0	\$ 3.0	\$ 14.0	
230265	Improve the operations of the intersection of Montague Expressway and Mission College Boulevard	\$ 4.9	\$ 0.0	\$ 4.9	

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## Santa Clara County

(In millions of year-of-expenditure dollars)

Reference Number	Project/Program	Total Project Cost	Committed Funds <sup>1</sup>	Discretionary Funds <sup>2</sup>	Project Notes
230267	Widen Montague Expressway to 8 lanes for HOV lanes between Lick Mill and Trade Zone boulevards and on Guadalupe River Bridge and Penitencia Creek Bridge	\$ 13.5	\$ 13.5	\$ 0.0	
230269	Construct a new interchange at Trimble Road and Montague Expressway	\$ 36.1	\$ 36.1	\$ 0.0	
230273	Widen Montague Expressway to 8 lanes between Trade Zone Boulevard and I-680 and to 6 lanes between I-680 and Park Victoria Drive for HOV lanes	\$ 24.5	\$ 14.8	\$ 9.7	
230292	Implement signal coordination between expressway and major cross-street signals in Santa Clara county	\$ 6.1	\$ 0.0	\$ 6.1	
230294	Conduct environmental and design studies to widen and create new alignment for Route 152 (from Route 156 to U.S. 101)	\$ 80.0	\$ 80.0	\$ 0.0	
230298	Replace Calaveras Boulevard 4-lane bridge over the Union Pacific Railroad tracks with new 6-lane structure with bicycle and pedestrian facilities and circulation improvements	\$ 82.7	\$ 22.0	\$ 60.7	
230302	Improve the intersection of Dixon Landing Road and North Milpitas Boulevard	\$ 3.7	\$ 0.0	\$ 3.7	
230304	Widen Dixon Landing Road from 4 to 6 lanes between North Milpitas Boulevard and I-880	\$ 80.0	\$ 80.0	\$ 0.0	
230339	Convert HOV queue-jump lanes along Central Expressway at Bowers Avenue to general purpose lanes	\$ 0.1	\$ 0.1	\$ 0.0	
230347	Improve U.S. 101 southbound ramps at 10th Street	\$ 3.6	\$ 0.0	\$ 3.6	
230350	Widen southbound U.S. 101 off-ramp at Cochrane Road from 2 to 3 lanes	\$ 1.1	\$ 0.0	\$ 1.1	
230356	Construct interchange at Lawrence Expressway and Arques Avenue	\$ 49.2	\$ 49.2	\$ 0.0	
230363	Construct interchange at I-880 and Montague Expressway (includes improvements to Montague Expressway)	\$ 13.0	\$ 13.0	\$ 0.0	
230385	Purchase and install emergency vehicle pre-emption detectors and video detection cameras at signalized intersections in downtown Palo Alto	\$ 1.5	\$ 0.2	\$ 1.3	
230407	Widen Route 17 off-ramp southbound at Hamilton Avenue	\$ 1.4	\$ 0.0	\$ 1.4	
230445	Improve Great America Parkway and Mission College Boulevard intersection (includes adding triple left-turn lanes in two directions and traffic signal upgrades)	\$ 9.2	\$ 0.0	\$ 9.2	
230449	Extend Charcot Avenue over I-880 as a new 2-lane roadway with bicycle and pedestrian improvements to connect to North San Jose employment center	\$ 38.0	\$ 19.0	\$ 19.0	

# Santa Clara County

(In millions of year-of-expenditure dollars)

Reference Number	Project/Program	Total Project Cost	Committed Funds <sup>1</sup>	Discretionary Funds <sup>2</sup>	Project Notes
230451	Rehabilitate Fatjo Place, Thompson Place, Arguello Place, Bray Avenue and Graham Lane	\$ 4.1	\$ 0.8	\$ 3.3	
230452	Convert downtown one-way couplets to two-way streets along 10th/11th Streets, Almaden Boulevard/Vine Street and 2nd/3rd Streets	\$ 24.0	\$ 12.0	\$ 12.0	
230456	Widen Zanker Road from 4 to 6 lanes	\$ 57.0	\$ 57.0	\$ 0.0	
230457	Improve Oakland Road from U.S. 101 to Montague Expressway by providing landscaping and operational improvements	\$ 12.1	\$ 6.0	\$ 6.1	
230458	Widen Berryessa Road from U.S. 101 to I-680 to provide access to planned Berryessa BART station	\$ 31.0	\$ 14.2	\$ 16.8	
230459	Extend Chynoweth Avenue from Almaden Expressway to Winfield Road	\$ 23.0	\$ 0.0	\$ 23.0	
230460	Widen Snell Avenue from Branham Lane to Chynoweth Avenue	\$ 5.9	\$ 1.1	\$ 4.8	
230461	Widen Branham Lane from Vista Park Drive to Snell Avenue (includes bicycle and pedestrian facilities)	\$ 11.6	\$ 2.3	\$ 9.3	
230469	Make local circulation improvements on Santa Teresa Boulevard (includes medians, landscaping, sidewalks and bicycle lanes)	\$ 13.2	\$ 13.2	\$ 0.0	
230471	Widen intersections and improve sidewalks throughout the city of Sunnyvale	\$ 17.8	\$ 17.8	\$ 0.0	
230492	Implement local roadway improvements to Old Oakland Road over U.S. 101	\$ 28.0	\$ 28.0	\$ 0.0	
230531	Construct auxiliary lanes on U.S. 101 in Mountain View and Palo Alto, from Route 85 to Embarcadero Road	\$ 113.0	\$ 113.0	\$ 0.0	
230532	Improve interchange at Route 237/North 1st Street	\$ 2.1	\$ 2.1	\$ 0.0	
230534	Electrify Caltrain line from Tamien Station to Gilroy	\$ 140.3	\$ 140.3	\$ 0.0	
230547	Implement Bus Rapid Transit (BRT) on Monterey Highway	\$ 96.6	\$ 96.6	\$ 0.0	
230551	Implement the Zero Emissions Bus (ZEB) program	\$ 23.7	\$ 23.7	\$ 0.0	
230552	Install and modify VTA facilities to support the Zero Emissions Bus (ZEB) program	\$ 95.0	\$ 95.0	\$ 0.0	
230554	Implement Bus Rapid Transit (BRT) between Sunnyvale and Cupertino	\$ 84.6	\$ 84.6	\$ 0.0	

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## Santa Clara County

(In millions of year-of-expenditure dollars)

Reference Number	Project/Program	Total Project Cost	Committed Funds <sup>1</sup>	Discretionary Funds <sup>2</sup>	Project Notes
230573	Improve ramps and intersections on Fremont and Bernardo avenues at Route 85	\$ 3.6	\$ 0.0	\$ 3.6	
230574	Improve the Route 85/Cottle Road interchange	\$ 5.3	\$ 5.3	\$ 0.0	
230577	Improve ramp and intersection on Route 152 eastbound at Bloomfield Avenue	\$ 2.0	\$ 0.0	\$ 2.0	
230579	Improve ramp/intersection on Route 152 eastbound at Frazier Lake Road	\$ 2.0	\$ 0.0	\$ 2.0	
230584	Improve ramp/intersection at Route 152 westbound at Watsonville Road	\$ 3.3	\$ 0.0	\$ 3.3	
230595	Implement Bus Rapid Transit (BRT) on Stevens Creek Boulevard from Diridon Station to De Anza College	\$ 143.2	\$ 143.2	\$ 0.0	
230641	Implement bicycle and pedestrian improvements in North San Jose	\$ 38.2	\$ 38.2	\$ 0.0	
230644	Implement miscellaneous intersection improvements in North San Jose	\$ 33.5	\$ 33.5	\$ 0.0	
230645	Implement improvements to the North First Street Core Area grid	\$ 70.6	\$ 70.6	\$ 0.0	
230698	Local streets and roads maintenance	\$ 8,177.0	\$ 4,432.0	\$ 1,477.0	Shortfall remains
230705	Improve local interchanges and auxiliary lanes	\$ 573.0	\$ 573.0	\$ 0.0	
230706	Make local streets and roads improvements (includes street channelization, overcrossings, bicycle and pedestrian access, and safety improvements)	\$ 334.0	\$ 334.0	\$ 0.0	

# Solano County

(In millions of year-of-expenditure dollars)

Reference Number	Project/Program	Total Project Cost	Committed Funds <sup>1</sup>	Discretionary Funds <sup>2</sup>	Project Notes
21341	Construct new Fairfield/Vacaville multimodal train station for Capitol Corridor intercity rail service (Phases 1, 2 and 3)	\$ 39.6	\$ 29.6	\$ 10.0	Partially funded with Regional Measure 2 Toll Bridge Program funds
22629	Construct new Vallejo Baylink Ferry Terminal (includes additional parking, upgrade of bus transfer facilities and pedestrian access improvements)	\$ 85.6	\$ 75.6	\$ 10.0	Partially funded with Regional Measure 2 Toll Bridge Program funds
22630	Improve Parkway Boulevard overcrossing over Union Pacific Railroad tracks	\$ 12.4	\$ 12.4	\$ 0.0	
22631	Construct Route 12 westbound truck climbing lane at Red Top Road	\$ 13.2	\$ 13.2	\$ 0.0	State Highway Operation and Protection Program (SHOPP) project
22632	Widen American Canyon Road overpass at I-80	\$ 10.7	\$ 10.7	\$ 0.0	
22633	Widen Azuar Drive/Cedar Avenue from 2 to 4 lanes between P Street and Residential Parkway (includes bicycle lanes, railroad signals and rehabilitation improvements)	\$ 11.7	\$ 11.7	\$ 0.0	
22634	Construct an adjacent 200-space, at-grade parking lot at the Vacaville Intermodal Station (Phase 1)	\$ 12.9	\$ 12.9	\$ 0.0	Partially funded with Regional Measure 2 Toll Bridge Program funds; for Phase 2, see Solano project #230635
22700	Construct parallel corridor north of I-80 from Red Top Road to Abernathy Road	\$ 69.0	\$ 60.5	\$ 8.5	Regional Measure 2 Toll Bridge Program and 2000 Traffic Congestion Relief Program (TCRP) project
94151	Construct 4-lane Jepson Parkway from Route 12 to Leisure Town Road	\$ 194.0	\$ 134.0	\$ 60.0	
230311	Widen and improve Peterson Road with the addition of a truck-stacking lane (includes drainage improvements)	\$ 2.6	\$ 2.6	\$ 0.0	
230322	Rebuild and relocate eastbound Cordelia Truck Scales Facility (includes a new 4-lane bridge across Suisun Creek and new ramps at eastbound Route 12 and eastbound I-80)	\$ 100.9	\$ 100.9	\$ 0.0	Proposition 1B Trade Corridors Improvement Fund (TCIF) project
230326	Improve I-80/I-680/Route 12 interchange, including connecting I-680 northbound to Route 12 westbound (Jamieson Canyon), adding connectors and reconstructing local interchanges (Phase 1)	\$ 487.9	\$ 134.4	\$ 353.5	Partially funded with Regional Measure 2 Toll Bridge Program funds
230468	Provide auxiliary lanes on I-80 in eastbound and westbound directions from I-680 to Air Base Parkway (includes a new eastbound mixed-flow lane from Route 12 east to Air Base Parkway)	\$ 50.0	\$ 0.0	\$ 50.0	

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## Solano County

(In millions of year-of-expenditure dollars)

Reference Number	Project/Program	Total Project Cost	Committed Funds <sup>1</sup>	Discretionary Funds <sup>2</sup>	Project Notes
230635	Construct new 400-space parking garage at the Vacaville Intermodal Station (Phase 2)	\$ 10.0	\$ 0.0	\$ 10.0	For Phase 1, see Solano project #22634
230650	Widen I-80 from Red Top Road to Air Base Parkway to add HOV lanes in both directions (includes pavement rehabilitation and ramp metering)	\$ 94.9	\$ 94.9	\$ 0.0	
230699	Local streets and roads maintenance	\$ 2,559.0	\$ 716.0	\$ 524.0	Shortfall remains
230708	Improve local interchanges and auxiliary lanes and make local streets and roads improvements (includes street channelization, overcrossings, bicycle and pedestrian access, and safety improvements)	\$ 15.0	\$ 15.0	\$ 0.0	

# Sonoma County

(In millions of year-of-expenditure dollars)

Reference Number	Project/Program	Total Project Cost	Committed Funds <sup>1</sup>	Discretionary Funds <sup>2</sup>	Project Notes
21070	Realign and widen Route 116 (Stage Gulch Road) along Champlin Creek to improve safety, adding shoulders to accommodate pedestrians and bicyclists	\$ 39.1	\$ 39.1	\$ 0.0	
21884	Construct Petaluma crosstown connector/interchange	\$ 61.7	\$ 61.7	\$ 0.0	
21902	Widen U.S. 101 for HOV lanes from Pepper Road to Rohnert Park Expressway (Central Phase A)	\$ 118.3	\$ 118.3	\$ 0.0	Partially funded with Proposition 1B Corridor Mobility Improvement Account funds
21908	Study the environmental impacts of a future Port Sonoma ferry service and facility	\$ 20.0	\$ 20.0	\$ 0.0	
22190	Improve channelization and traffic signalization at Route 116/Route 121 intersection (includes Arnold Drive improvements)	\$ 21.8	\$ 10.0	\$ 11.8	
22191	Improve U.S. 101 North/Airport Boulevard interchange (includes widening Airport Boulevard to 2 lanes in each direction and adding turn lanes)	\$ 46.7	\$ 35.6	\$ 11.1	
22193	Construct new bypass on Route 116 in Forestville	\$ 20.0	\$ 15.1	\$ 4.9	
22194	Improve safety on Mark West Springs Road/Porter Creek Road (includes adding standard shoulders and turn pockets)	\$ 7.4	\$ 0.0	\$ 7.4	2004 Measure M sales tax project
22195	Improve U.S. 101/Old Redwood Highway interchange (includes modifying/replacing existing 2-lane interchange to at least a 5-lane interchange and improving ramps)	\$ 36.8	\$ 0.0	\$ 36.8	
22197	Improve local circulation at various locations in Town of Penngrove (includes improvements to Main Street, Petaluma Hill Road, Adobe Road, Old Redwood Highway and U.S. 101/Railroad Avenue)	\$ 38.0	\$ 0.0	\$ 38.0	
22203	Improve channelization and traffic signalization on River Road from Fulton Road to the town of Guerneville	\$ 8.0	\$ 4.0	\$ 4.0	
22204	Widen Fulton Road from 2 to 4 lanes from Guerneville Road to U.S. 101 and construct Route 12/Fulton Road interchange	\$ 79.0	\$ 0.0	\$ 79.0	
22205	Improve U.S. 101/Hearn Avenue interchange (includes widening overcrossing and ramps)	\$ 39.7	\$ 18.2	\$ 21.5	
22207	Extend Farmers Lane from Bellevue Avenue to Bennett Valley Road as a 3-lane or 4-lane arterial (includes a bicycle lane and sidewalk)	\$ 64.1	\$ 0.0	\$ 64.1	
22438	Improve Bodega Highway west of Sebastopol (includes straightening curves near Occidental and adding turn pockets)	\$ 4.0	\$ 2.0	\$ 2.0	2004 Measure M sales tax project

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# Sonoma County

(In millions of year-of-expenditure dollars)

Reference Number	Project/Program	Total Project Cost	Committed Funds <sup>1</sup>	Discretionary Funds <sup>2</sup>	Project Notes
22490	Convert bridges in Sonoma County from 1-lane to 2-lane	\$ 2.0	\$ 0.0	\$ 2.0	
22652	Rehabilitate pavement on U.S. 101 from Steele Lane to Grant Avenue overhead in Healdsburg	\$ 18.9	\$ 18.9	\$ 0.0	State Highway Operation and Protection Program (SHOPP) project
22655	Widen U.S. 101 for HOV lanes (one in each direction) from Rohnert Park Expressway to Santa Rosa Avenue (includes interchange improvements and ramp metering)	\$ 96.0	\$ 96.0	\$ 0.0	Partially funded with Proposition 1B Corridor Mobility Improvement Account funds
22656	Improve U.S. 101/East Washington Street interchange (includes new northbound on-ramp and improvements to southbound on-ramp)	\$ 23.7	\$ 0.0	\$ 23.7	
94689	Improve U.S. 101/Arata Lane interchange in Windsor, including new on- and off-ramps and realignment of Los Amigos Road north of Arata Lane (Phase 4)	\$ 13.0	\$ 0.0	\$ 13.0	
94691	Install traffic signal system on Route 121 and improve channelization at 8th Street	\$ 4.5	\$ 0.0	\$ 4.5	
98183	Widen U.S. 101 for HOV lanes between Steele Lane and Windsor River Road (Phase A)	\$ 123.9	\$ 123.9	\$ 0.0	Partially funded with Proposition 1B Corridor Mobility Improvement Account funds
230341	Improve channelization and traffic signalization on Mirabel Road and Route 116	\$ 3.6	\$ 0.0	\$ 3.6	2004 Measure M sales tax project
230345	Rehabilitate or replace existing Healdsburg Avenue Bridge	\$ 27.1	\$ 0.0	\$ 27.1	
230437	Provide infrastructure for two high-frequency Bus Rapid Transit corridors in Santa Rosa (includes vehicle purchases, infrastructure such as bus stops/ intermodal nodes, and technology support)	\$ 38.0	\$ 0.0	\$ 38.0	
230442	Implement service enhancements for Santa Rosa CityBus (includes technology enhancements such as video, automatic vehicle location and farebox upgrades, operations and maintenance facilities improvements, and vehicle purchases)	\$ 38.0	\$ 0.0	\$ 38.0	
230700	Local streets and roads maintenance	\$ 3,570.0	\$ 1,430.0	\$ 786.0	Shortfall remains

